

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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PRECAUTIONS

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PRECAUTION

PRECAUTIONS

Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000006275744

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the "SRS AIR BAG".
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

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PREPARATION

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PREPARATION

PREPARATION

Special Service Tools

INFOID:000000006288131

Tool number (Kent-Moore No.) Tool name	Description
<p>— (J-48087) Battery Service Center</p>  <p>WKIA5280E</p>	<p>Tests battery. For operating instructions, refer to Technical Service Bulletin and Battery Service Center User Guide.</p>

COMPONENT PARTS

< SYSTEM DESCRIPTION >

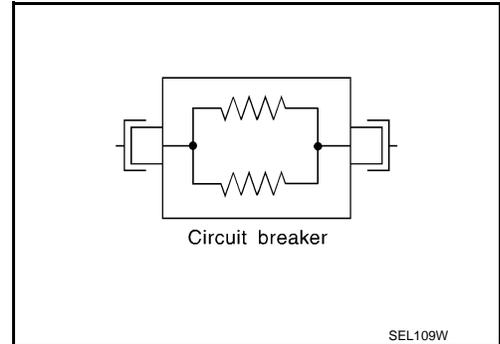
SYSTEM DESCRIPTION

COMPONENT PARTS

Circuit Breaker

INFOID:000000006275745

The PTC thermistor generates heat in response to current flow. The temperature (and resistance) of the thermistor element varies with current flow. Excessive current flow will cause the element's temperature to rise. When the temperature reaches a specified level, the electrical resistance will rise sharply to control the circuit current. Reduced current flow will cause the element to cool. Resistance falls accordingly and normal circuit current flow is allowed to resume.



Battery

INFOID:000000006275746

Type		115D31R
20 hour rate capacity	[V – Ah]	12 – 82
Cold cranking current (For reference value)	[A]	782

Harness Connector

INFOID:000000006275747

HARNESS CONNECTOR (TAB-LOCKING TYPE)

- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the figure below.

CAUTION:

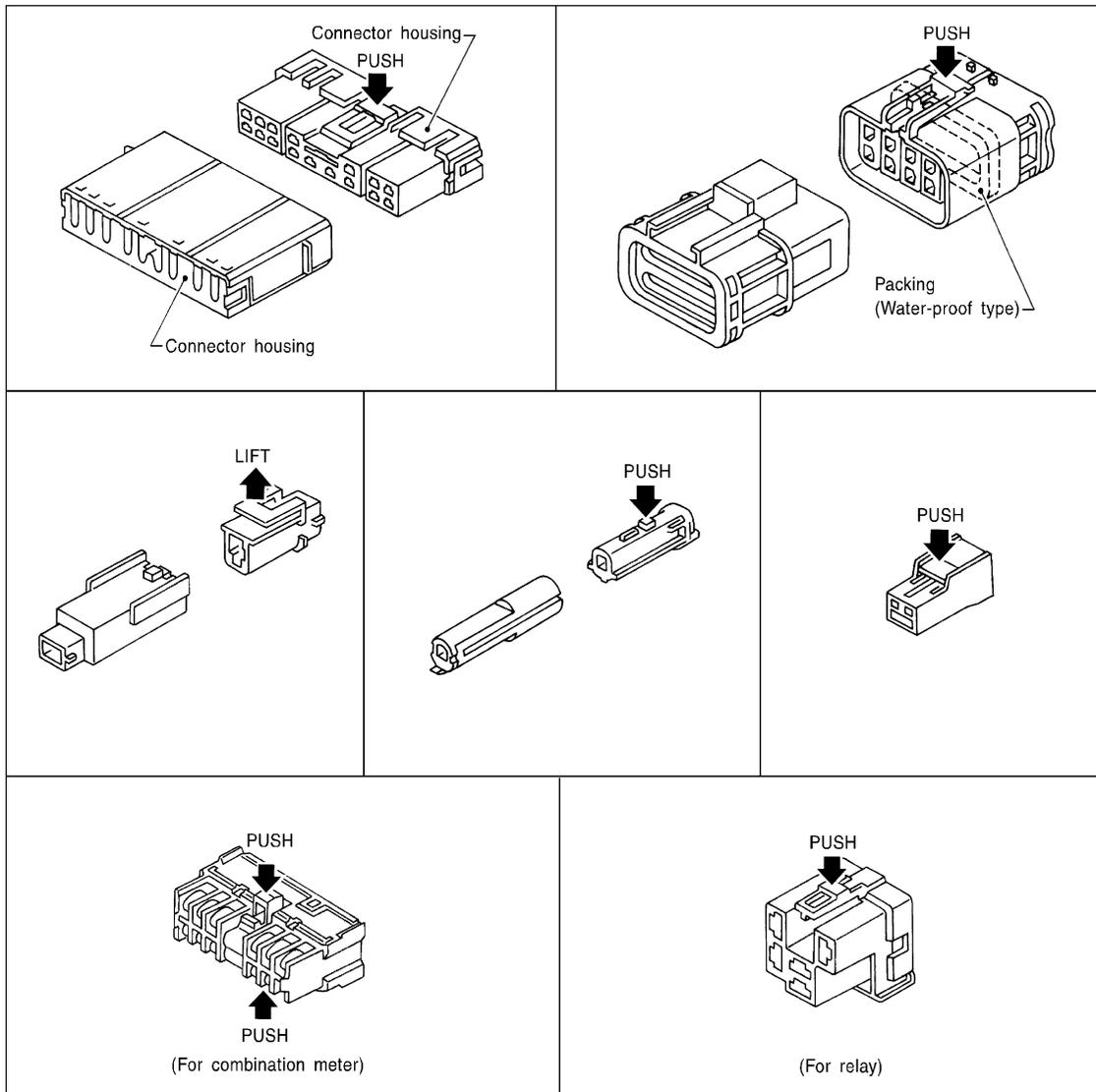
Never pull the harness or wires when disconnecting the connector.

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COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



SEL769DA

HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- A new style slide-locking type connector is used on certain systems and components, especially those related to OBD.
- The slide-locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide-locking type connectors are disconnected by pushing or pulling the slider. Refer to the figure below.

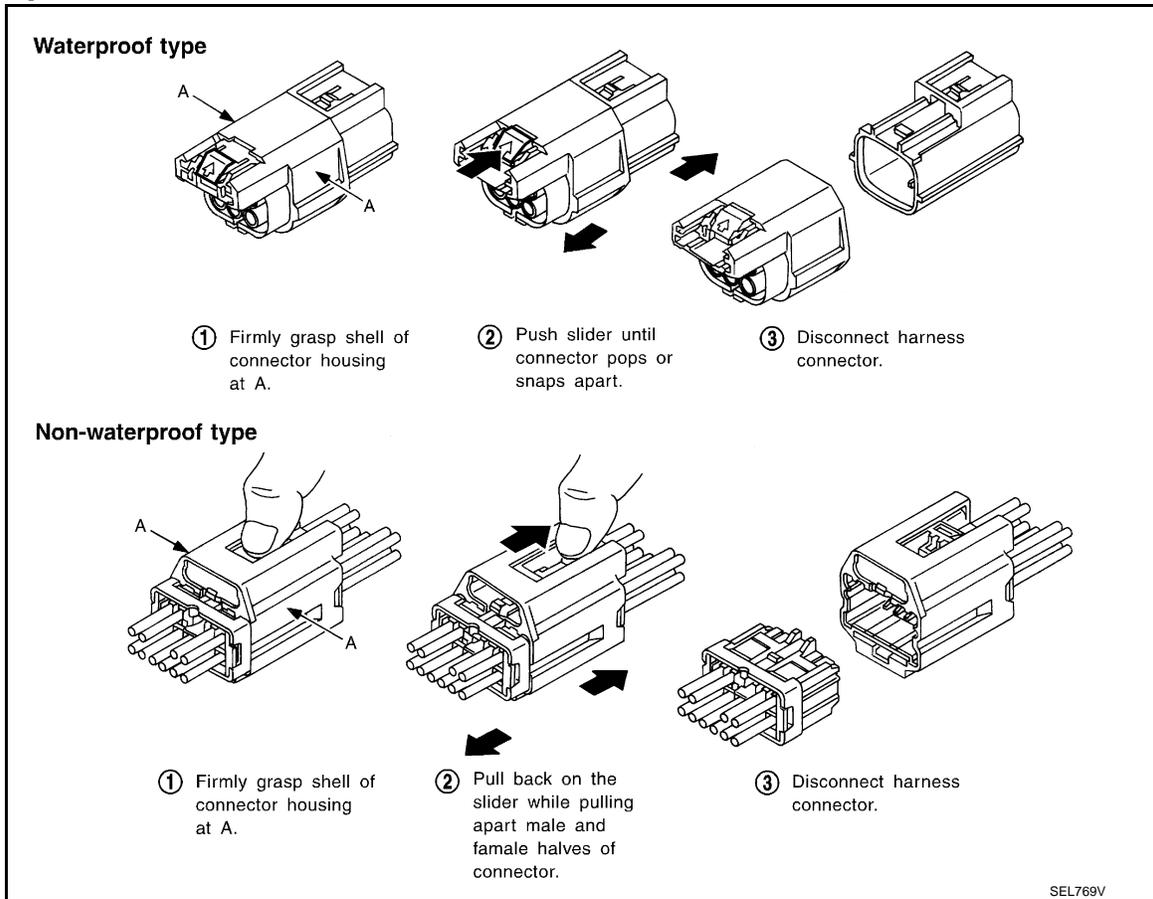
CAUTION:

- **Never pull the harness or wires when disconnecting the connector.**
- **Be careful not to damage the connector support bracket when disconnecting the connector.**

COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked in place by moving the lever as far as it will go to ensure full connection.

CAUTION:

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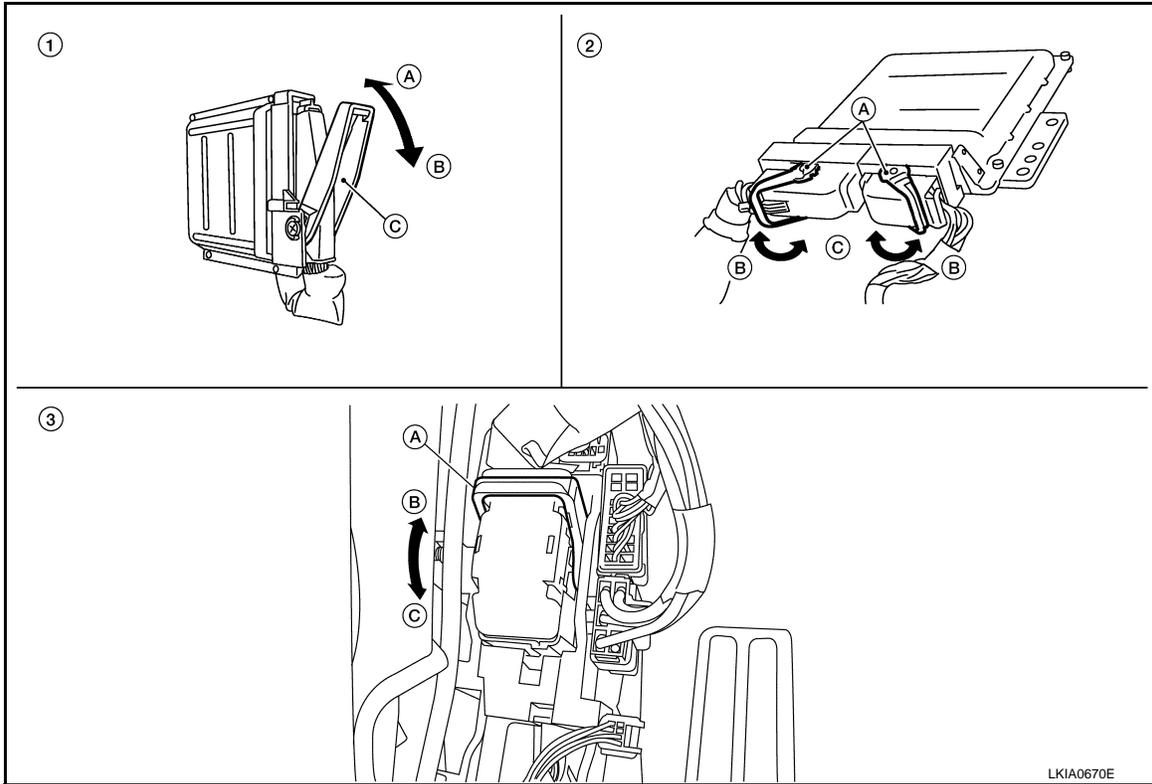
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COMPONENT PARTS

< SYSTEM DESCRIPTION >

Always confirm the lever is fully released (loosened) before attempting to disconnect or connect these connectors to avoid damage to the connector housing or terminals.



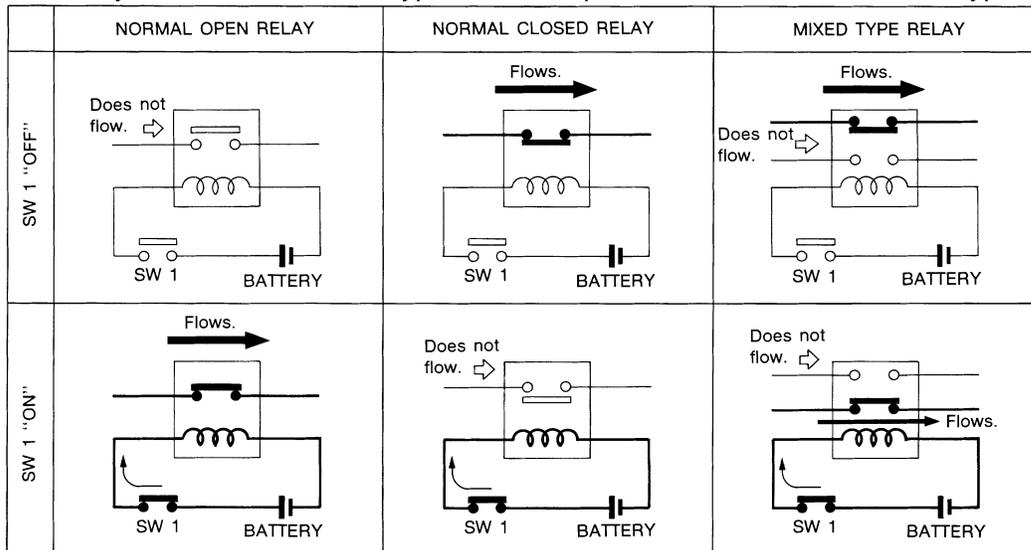
- | | | |
|--|--|---|
| <p>1. Control unit with single lever</p> <p>A. Fasten</p> <p>B. Loosen</p> <p>C. Lever</p> | <p>2. Control unit with dual levers</p> <p>A. Levers</p> <p>B. Fasten</p> <p>C. Loosen</p> | <p>3. SMJ connector</p> <p>A. Lever</p> <p>B. Fasten</p> <p>C. Loosen</p> |
|--|--|---|

Standardized Relay

INFOID:000000006275748

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



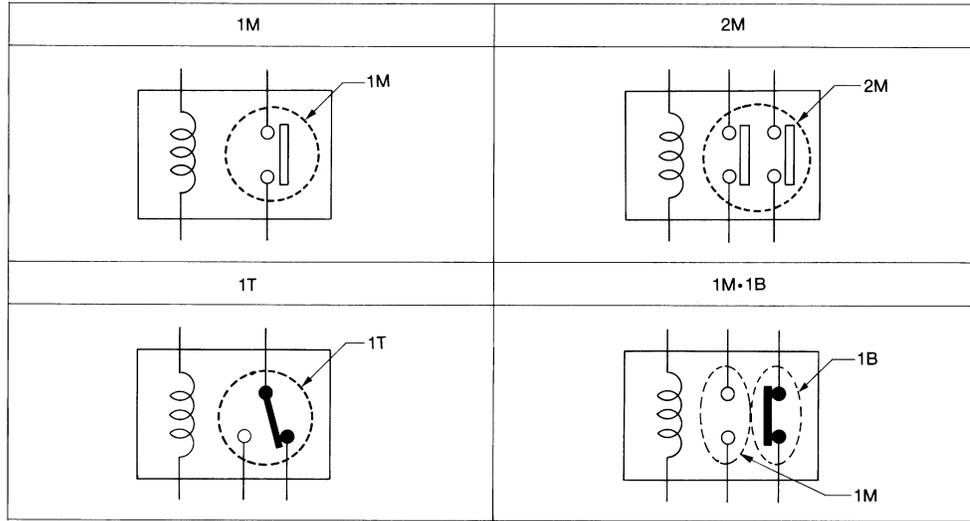
SEL881H

TYPE OF STANDARDIZED RELAYS

COMPONENT PARTS

< SYSTEM DESCRIPTION >

1M 1 Make 2M 2 Make
 1T 1 Transfer 1M·1B 1 Make 1 Break

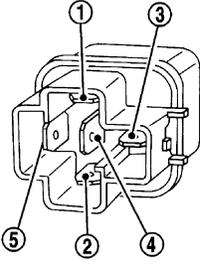
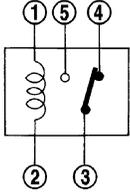
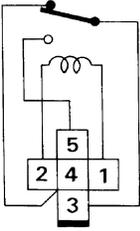
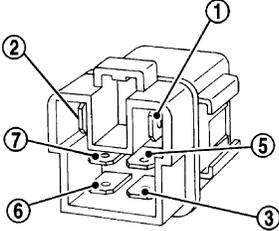
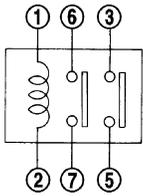
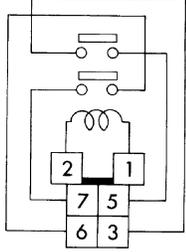
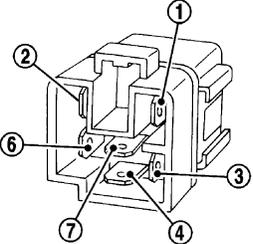
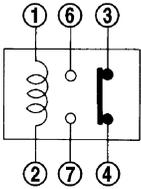
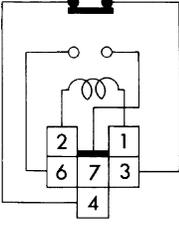
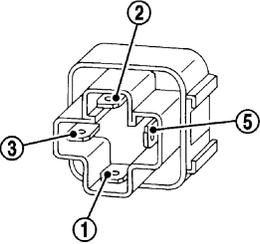
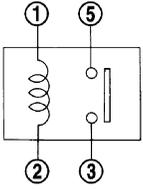
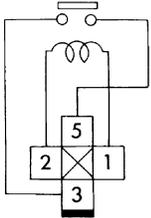
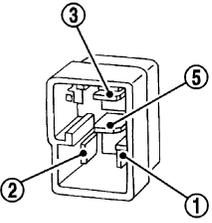
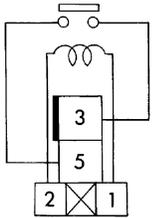


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COMPONENT PARTS

< SYSTEM DESCRIPTION >

Type	Outer view	Circuit	Connector symbol and connection	Case color
1T				BLACK
2M				BROWN
1M*1B				GRAY
1M				BLUE
				

The arrangement of terminal numbers on the actual relays may differ from those shown above.

SEL188W

POWER SUPPLY ROUTING CIRCUIT

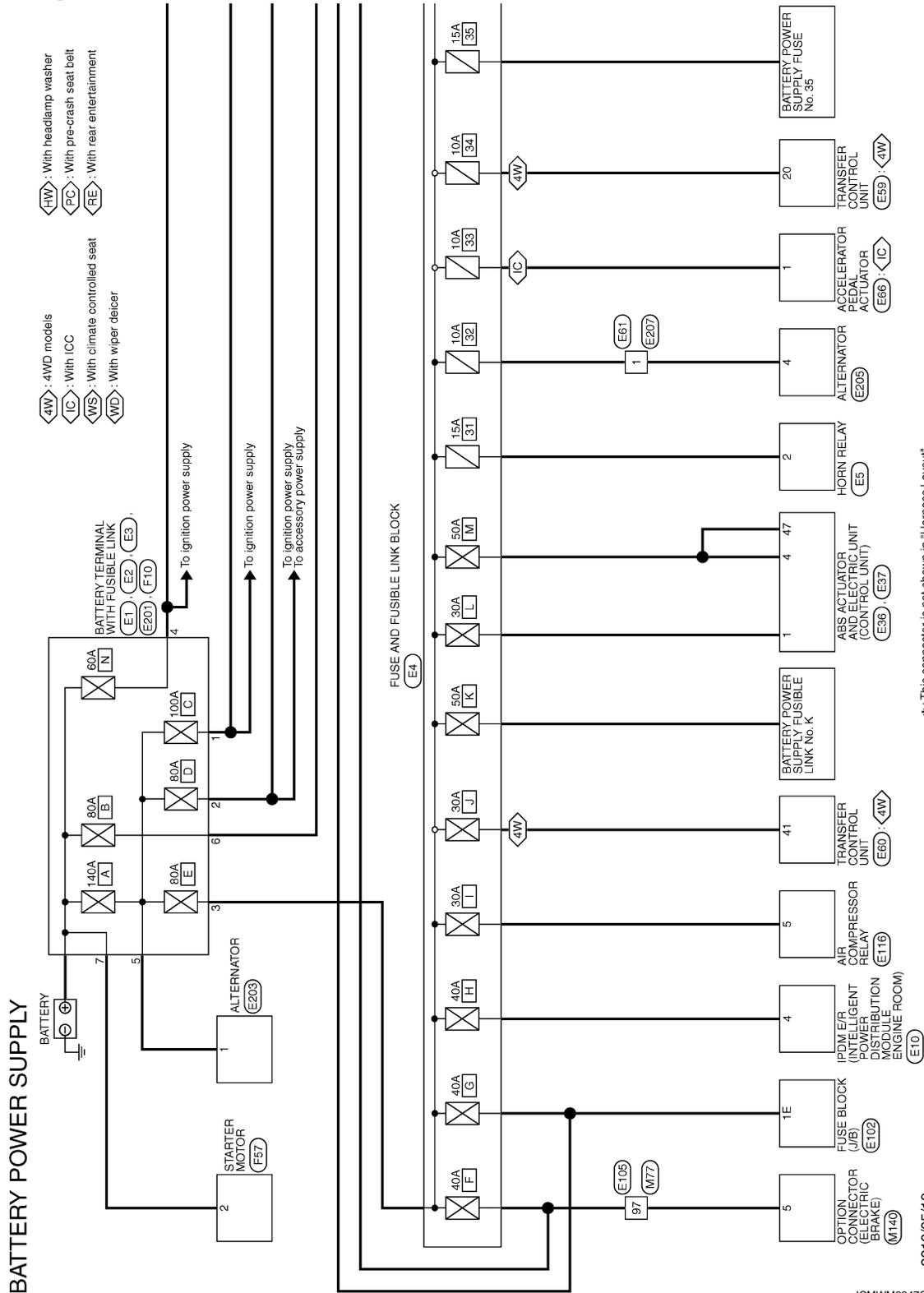
< WIRING DIAGRAM >

WIRING DIAGRAM

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:000000006275749



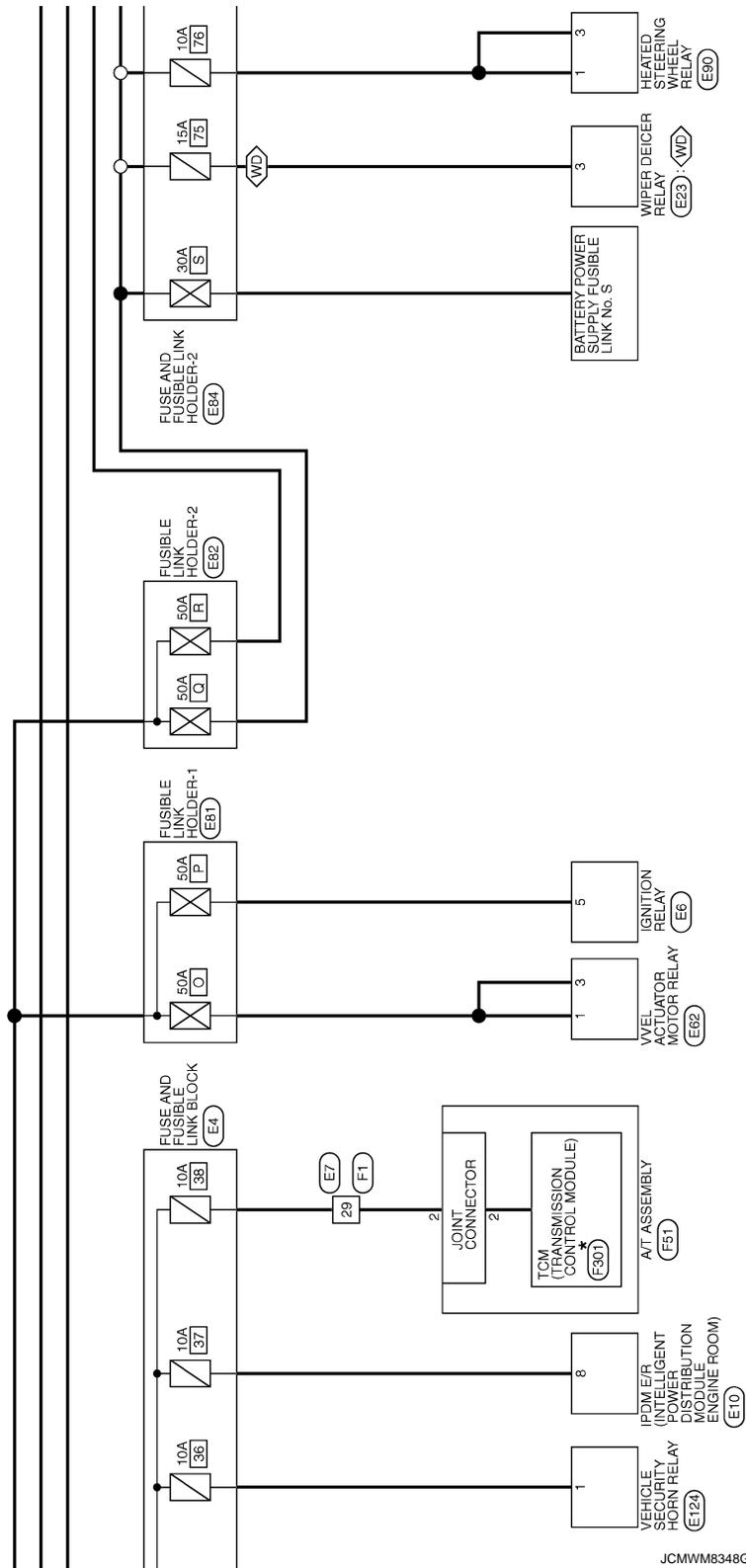
*: This connector is not shown in "Harness Layout".

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POWER SUPPLY ROUTING CIRCUIT

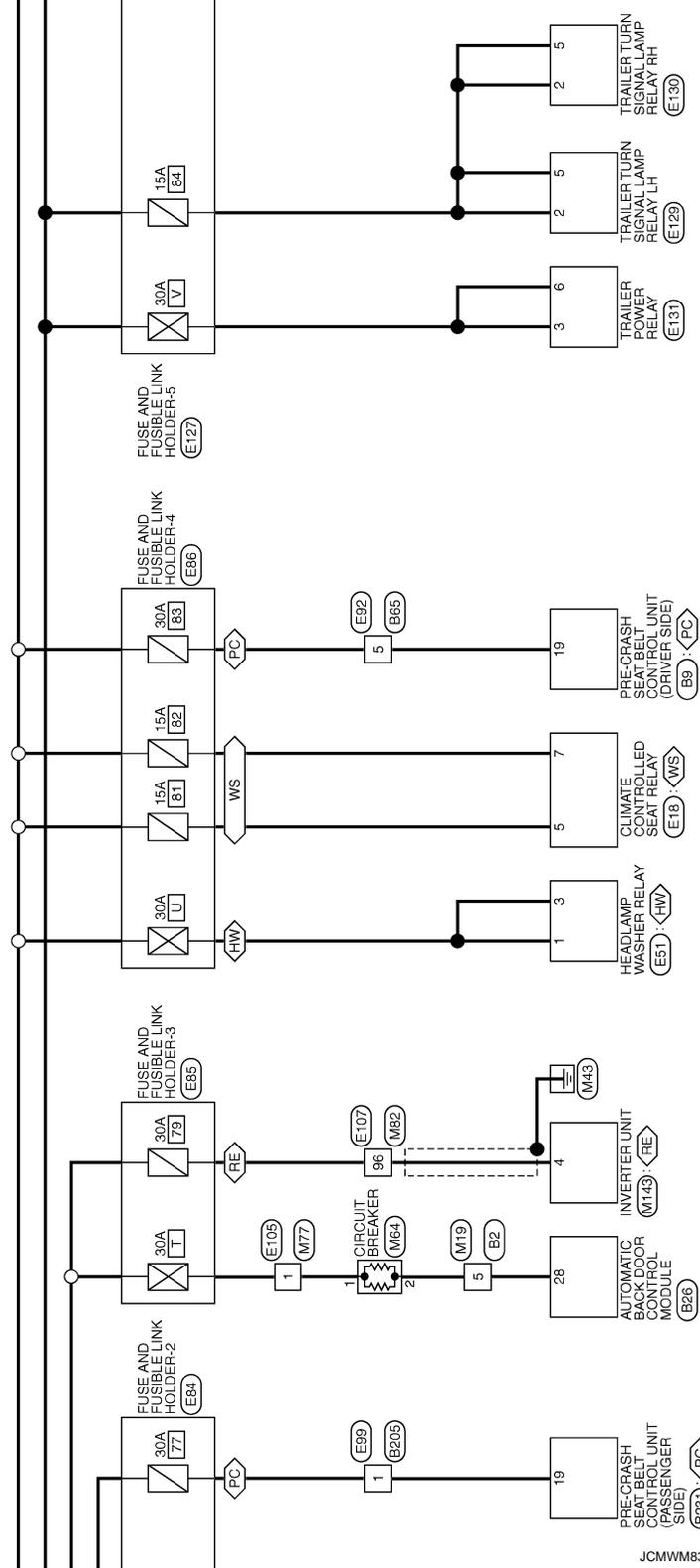
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POWER SUPPLY ROUTING CIRCUIT

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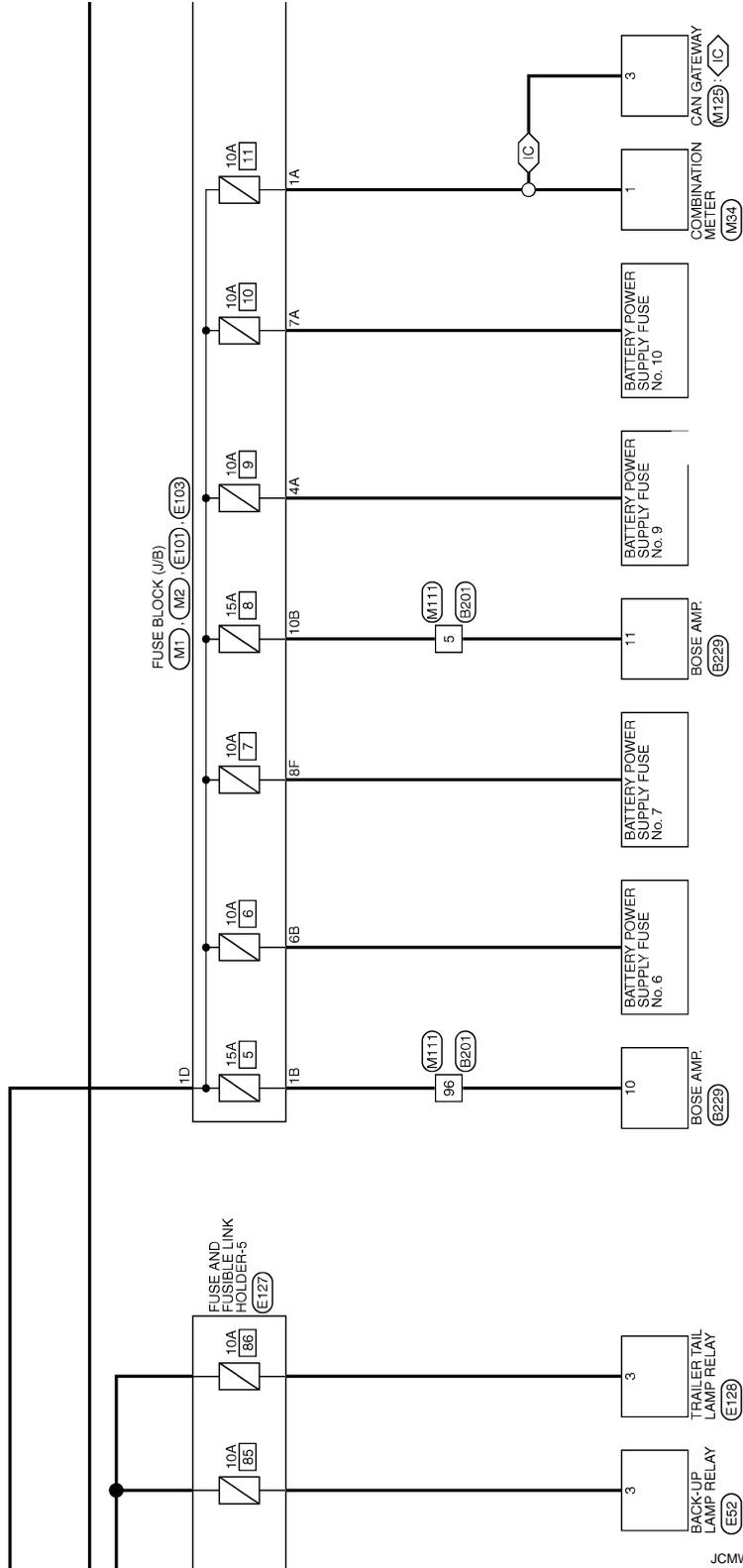
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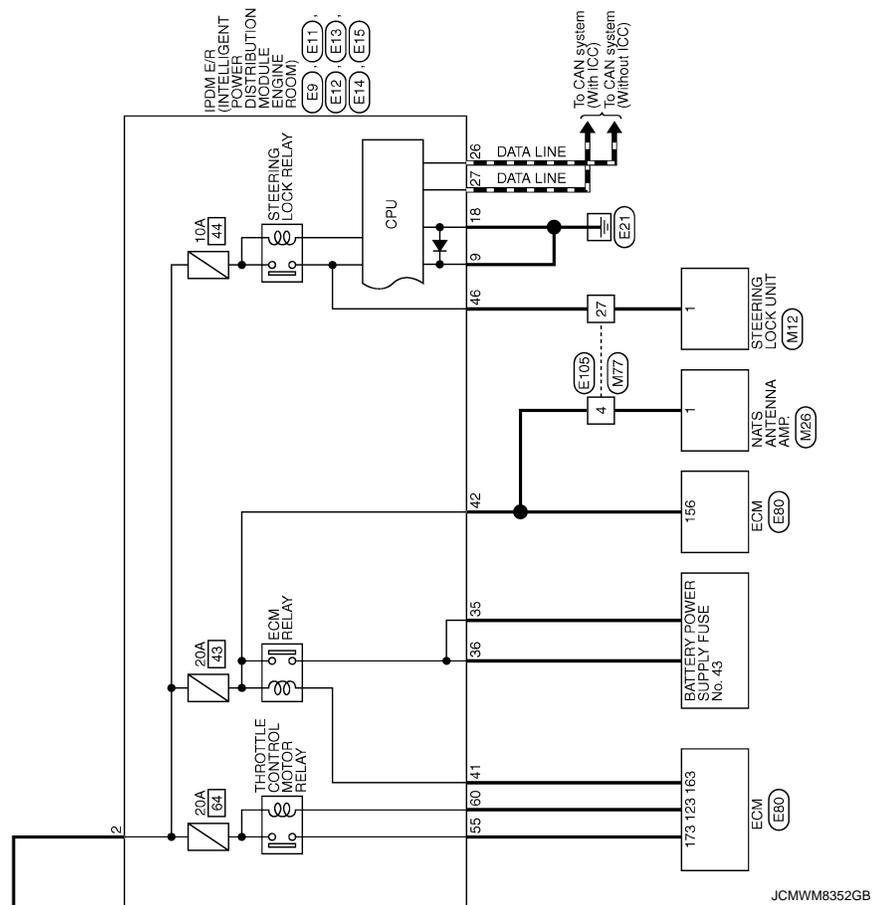
POWER SUPPLY ROUTING CIRCUIT

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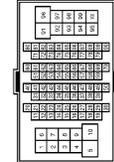


POWER SUPPLY ROUTING CIRCUIT

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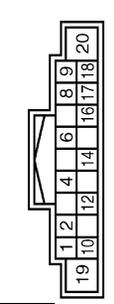
BATTERY POWER SUPPLY

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH20MW-CS (F-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
45	R/Y	
46	B	
49	GR	
50	R/B	
51	W/R	
52	BR/Y	
53	O/B	
54	G/O	
55	R/B	
56	LG/R	
57	GR/R	
58	Y/G	
59	V/W	
60	R	
63	Y	
64	R	
65	W	
66	G	
67	B	
68	SHIELD	
69	LG/B	
70	P/L	
71	L	
72	R	
77	Y/B	
78	Y/L	
79	Y	
80	W/R	
81	Y/L	
83	BR	
84	L/O	
86	O	
87	W/R	
88	O	
89	W/L	
90	GR/L	
91	W	
92	G	
94	W/R	
96	P/W	
97	R	
98	V	
99	L/W	
100	P/B	

Connector No.	B9
Connector Name	PRE-GRAB SEAT BELT CONTROL UNIT (DRIVER SIDE)
Connector Type	TH18PW-CS2



11	R	CLOSURE MTR (CLOSE)
12	V	CLOSURE MTR (OPEN)
14	C/W	TOUCH SENS LH
15	L/R	TOUCH SENS GND
16	LG	TOUCH SENS RHT
17	O	MAIN SW
19	L/Y	CLOSE SW
20	G/Y	OPEN SW
22	B	GND
23	B	GND
28	R/W	BAT
34	B	GND

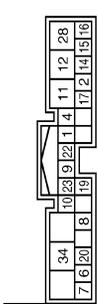
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	SIG BATT
2	G	OUT 1
4	P	CAN-L
6	LG/R	BUCKLE SW LH NO
8	G	LOCAL COMM 2
9	SHIELD	SHIELD GND
10	R	SENS POWER 1
12	B	OUT 2
14	L	CAN-H
16	W	LOCAL COMM 1
17	W	SENS GND 1
18	B	SIG GND
19	W	MOTOR BATT
20	B	MOTOR GND

Connector No.	B65
Connector Name	WIRE TO WIRE
Connector Type	HS308MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	
3	G	
5	W	
8	R	

Connector No.	B26
Connector Name	AUTOMATIC BACK DOOR CONTROL MODULE
Connector Type	TH20PW-TB6



Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	
3	G	
5	W	
8	R	

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BLUZZER
2	Y/B	ABD SW
4	GR	ABD CLOSE SW
6	P	CAN-L
7	L	CAN-H
8	L/W	HALF LATCH SW
9	GR/L	IGN
10	Y	BAT

JCMWM8353GB

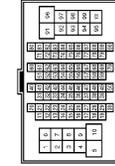
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TIM)



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W	
5	W/B	
6	L/Y	
7	R	
8	G/R	
9	GR/R	
11	W	
12	V	
13	Y	
16	L/O	
17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	
21	R	
22	GR	
27	L/W	
29	W	
30	R/L	
31	Y/L	
32	W/R	
33	W/G	
34	L/R	
39	P/B	
40	W/R	
41	R	
42	L	
43	B/W	
51	L/B	
52	L/R	
53	SB	
54	V/W	
59	L	
60	GR	
61	P/L	
62	B/SB	

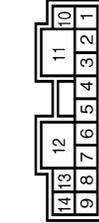
63	R/Y	
64	BR	
70	O	
71	G/R	
72	SHIELD	
73	G/O	
74	G/Y	
77	SB	
78	LG	
79	R/B	
90	W/B	
93	Y	
94	L	
95	L/R	
96	R	
97	W	
98	V	
99	L/W	
100	W	

Connector No.	B205
Connector Name	WIRE TO WIRE
Connector Type	INS00MW-CS



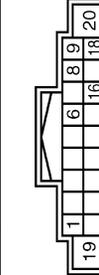
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	G	
3	L	
4	R	
6	L	

Connector No.	B229
Connector Name	BOSE AMP.
Connector Type	SGA2FBR-SJA2



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	SOUND SIGNAL SQUAWKER LH (+)
2	W/B	SOUND SIGNAL SQUAWKER LH (-)
3	O	SOUND SIGNAL SQUAWKER RH (+)
4	L	SOUND SIGNAL SQUAWKER RH (-)
8	R	SOUND SIGNAL WOOFER (-)
9	L	SOUND SIGNAL REAR DOOR SPEAKER RH (-)
10	R	BATTERY
11	W/B	GND
12	B	GND
13	W	SOUND SIGNAL WOOFER (+)
14	V	SOUND SIGNAL REAR DOOR SPEAKER RH (+)

Connector No.	B231
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (PASSENGER SEAT)
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	SIG BAT
6	LG/B	BUCKLE SW RH NO
8	G	LOCAL COMM 2
9	SHIELD	SHIELD GND
16	W	LOCAL COMM 1
18	B	SIG GND
19	W	MOTOR BAT
20	B	MOTOR GND

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2F5Y-MC



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	
4	W	

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FBR-MC-B



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

Connector No.	E3
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	F2340 EA000



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

JCMWM8354GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E5
Connector Name	HORN RELAY
Connector Type	-



2	3	1
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Terminal No.	Color of Wire	Signal Name [Specification]
1	P/B	-
2	W/B	-
3	R	-

Connector No.	E6
Connector Name	IGNITION RELAY
Connector Type	24347 9F900



3	1	2	5
---	---	---	---

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

Connector No.	E7
Connector Name	WIRE TO WIRE
Connector Type	TH82MW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L/O	-
4	LG	-
5	W/L	-
6	G/O	-
7	L/R	-
8	LG/R	-
14	R	-
16	SB	-
17	R/W	-
18	Y/G	-
19	BR/Y	-
20	P/B	-
21	R/B	-
22	Y	-
23	BR	-
24	P/L	-
29	P	-
30	BR	-
31	L	-
32	P	-

Connector No.	E9
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LD2FB-1MC



1	2
---	---

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

Connector No.	E10
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	MD0FF-LC



5	4	3
8	7	6

Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
4	L	-
5	P/L	-
7	W/G	-
8	W	-

Connector No.	E11
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	MD0FF-LC



11	10	9
14	13	12

Terminal No.	9	14
Color of Wire	B	L
Signal Name [Specification]	-	-

Connector No.	E12
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS08FBR-CS



17	16	15
22	21	20
19	18	

Terminal No.	17	18	19	20	21
Color of Wire	B	B	V	W	L
Signal Name [Specification]	-	-	-	-	-

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



28	27	26	25	24	23
34	33	32	31	30	29

Terminal No.	23	24	25	26	27	30	31	32	33	34
Color of Wire	GR/R	W/G	L/Y	P	L	R/W	B	LG	R	P/B
Signal Name [Specification]	-	-	-	-	-	-	-	-	-	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E14
Connector Name	POWER INTELLIGENT POWER DISTRIBUTION MODULE (BATTERY ROOM)
Connector Type	NS12FB-C5



Terminal No.	Color of Wire	Signal Name [Specification]
35	W	-
36	V	-
37	L	-
38	Y	-
39	L/B	-
41	L/G	-
42	L	-
43	LG	-
44	L/W	-
45	Y/R	-
46	L/W	-

Connector No.	E15
Connector Name	POWER INTELLIGENT POWER DISTRIBUTION MODULE (BATTERY ROOM)
Connector Type	NS16FW-C5



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	R	-
50	LG/B	-
51	BR/Y	-
52	W	-
54	SB	-
55	O	-
56	L	-
57	V	-
58	BR/R	-
59	W/B	-

Terminal No.	60	V/R	-
Terminal No.	61	W	-
Terminal No.	62	SB	-

Connector No.	E18
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M00FBR-R-LG



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	GR	-
3	L	-
5	LG	-
6	G	-
7	O	-

Connector No.	E23
Connector Name	WIPER DEICER RELAY
Connector Type	MS02FL-M2-LC



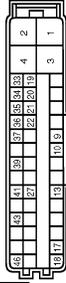
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	B	-
3	O	-
5	W	-

Connector No.	E30
Connector Name	FRONT FOG LAMP LH
Connector Type	FHZ02FB



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

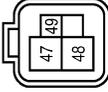
Connector No.	E36
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	S4242FB-SJ24



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	BAT
2	B	GND
3	B	GND
4	W	GND
9	R/B	IGN RATE / DIESEL SENSOR COMMUNICATION-L
10	P/B	IGN RATE / DIESEL SENSOR COMMUNICATION-R
13	GR	IGN RATE / DIESEL SENSOR COMMUNICATION-L
17	L/R	IGN RATE / DIESEL SENSOR COMMUNICATION-R
18	W/B	IGN
19	O	DS FR
20	SB	DP FL
21	R/Y	DS RR
22	V	DP RL
27	P	CAN-L
33	LG	DP FR
34	G	DS FL
35	BR	DP RR
36	P	DS RL
37	R	STP
38	L/W	VDC OFF SW

Terminal No.	41	L	CAN-H
Terminal No.	46	W	STOP LAMP SW ON

Connector No.	E37
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	S4202FB-SJ22



Terminal No.	Color of Wire	Signal Name [Specification]
47	W	MOTOR SUPPLY
48	B	MOTOR GND
49	O	IGN

Connector No.	E48
Connector Name	FRONT FOG LAMP RH
Connector Type	FHZ02FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	B	-

JCMWM8356GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E51
Connector Name	HEADLAMP WASHER RELAY
Connector Type	MS02FL-MZ-LC



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

Connector No.	E52
Connector Name	BACK-UP LAMP RELAY
Connector Type	M06FBR-R-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	R	
3	W/B	
5	Y/L	
6	V	
7	R/Y	

Connector No.	E59
Connector Name	TRANSFER CONTROL UNIT
Connector Type	TH40FT-MH



Terminal No.	Color of Wire	Signal Name [Specification]
6	BR	H-L0 POSITION SEN 1
7	Y	TRANSFER FLUID TEMP SEN SUPPLY
9	G	INTERNAL SPEED SEN GND
10	Y/G	INTERNAL SPEED SEN IMP
11	V	A-L0 SW
12	L	GAN-H
13	P	GAN-L
14	W/R	AUTO SW
15	P/B	ROTARY POSITION SEN PWM
16	LG	ROTARY POSITION SEN GND
17	W/L	LOCK POSITION SEN SUPPLY
18	BR/Y	ROTARY POSITION SEN SUPPLY
20	GR	TRANSFER C/U SUPPLY
25	P/L	H-L0 POSITION SEN 3
28	W	MOTOR TEMP SEN SUPPLY
29	LG/R	H-L0 POSITION SEN 2
30	R/B	LOCK POSITION SEN GND
31	L/O	INT SPEED SEN DIR
32	BR/R	IGN
35	R	LOCK SW
36	L/R	TRANSFER FLUID TEMP SEN GND
38	G/O	LOCK POSITION SEN SIGNAL
39	R/W	INTERNAL SPEED SEN SUPPLY

Connector No.	E60
Connector Name	TRANSFER CONTROL UNIT
Connector Type	M06FV-LC



Terminal No.	Color of Wire	Signal Name [Specification]
41	W/R	MOTOR SUPPLY
43	G/R	MOTOR DRIVE B
44	B	GND
45	G/Y	MOTOR DRIVE A
46	B	MOTOR GND

Connector No.	E61
Connector Name	WIRE TO WIRE
Connector Type	RH08MB



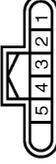
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	R	
3	L/B	
4	L/Y	
5	W/G	
7	V	
8	B/W	

Connector No.	E62
Connector Name	VVEL ACTUATOR MOTOR RELAY
Connector Type	Z4347 9F500



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	BR/Y	
3	W	
5	R	

Connector No.	E66
Connector Name	ACCELERATOR PEDAL ACTUATOR
Connector Type	RH08FLGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/O	BATTERY
2	B	GND
3	W/G	IGNITION
4	Y	ITS COMM-L
5	L	ITS COMM-H

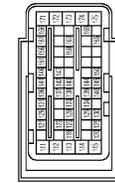
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E80
Connector Name	ECM
Connector Type	MSB5FB-NEE10-LH



Terminal No.	Color of Wire	Signal Name [Specification]
111	R	FUEL INJECTOR DRIVER POWER SUPPLY
112	SB	FUEL INJECTOR DRIVER POWER SUPPLY
113	G	FUEL RETURN VALVE
114	B	ECM GROUND
115	B	ECM GROUND
120	Y	EVAP CANISTER VENT CONTROL VALVE
122	BR/W	EVAP CANISTER VENT CONTROL VALVE
123	V/R	THROTTLE CONTROL MOTOR RELAY
125	GR	FUEL PUMP CONTROL MODULE (FPCM)
126	O	ACCELERATOR PEDAL POSITION SENSOR 2
128	Y	ICC STEERING SWITCH
129	P/L	SENSOR GROUND (APP SENSOR 2)
130	R	SENSOR GROUND
131	L/W	SENSOR POWER SUPPLY
133	SB	SENSOR POWER SUPPLY
134	V/W	TF
136	W/R	ACCELERATOR PEDAL POSITION SENSOR 1
137	W/G	SENSOR POWER SUPPLY (APP SENSOR 1)
138	V	BATTERY CURRENT SENSOR
139	G	BATTERY TEMPERATURE SENSOR
140	R/Y	SENSOR GROUND
141	SB	IGNITION SWITCH
142	R/W	FUEL PUMP CONTROL MODULE (FPCM) CHECK
143	L/Y	EVAP CONTROL SYSTEM PRESSURE SENSOR
144	O/B	REFRIGERANT PRESSURE SENSOR
146	L	CAN COMMUNICATION LINE
147	G/Y	ICC BRAKE SWITCH
150	R	SENSOR GROUND
151	P	CAN COMMUNICATION LINE
156	L	POWER SUPPLY FOR ECM (BACK-UP)
158	W/B	STOP LAMP SWITCH
161	R/W	ECM COMMUNICATION LINE
163	L/G	ECM RELAY (SELF SHUT-OFF)
165	GR/R	-
166	W	ECM COMMUNICATION LINE
169	G/B	ENGINE SPEED SIGNAL OUTPUT
171	W	POWER SUPPLY FOR ECM
172	W	POWER SUPPLY FOR ECM

Terminal No.	173	O	THROTTLE CONTROL MOTOR POWER SUPPLY
	174	B	ECM GROUND
	175	B	ECM GROUND

Connector No.	E90
Connector Name	HEATED STEERING WHEEL RELAY
Connector Type	MSD2FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	-
2	B/R	-
3	B/W	-
5	BR	-

Connector No.	E92
Connector Name	WIRE TO WIRE
Connector Type	NSD8FY-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	-
3	G	-
5	W	-
8	R	-

Connector No.	E99
Connector Name	WIRE TO WIRE
Connector Type	NSD8FY-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L	-
4	R	-
6	L/W	-

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01FY-MC



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

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	M02FE-LC



Terminal No.	Color of Wire	Signal Name [Specification]

IE	Y	-
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Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS18FY-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	W/B	-
2F	R	-
4F	GR	-
6F	Y/G	-
8F	L/B	-
9F	Y	-
10F	G	-
14F	Y	-
15F	L	-

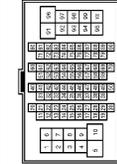
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

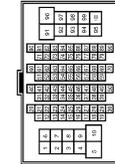
Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS(E)-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	L/W	
3	R/B	
4	Y	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	
13	P/B	
14	BR	
15	L/B	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	Y/V	
22	Y	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
29	R/W	
30	L/B	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/R	
37	G/Y	
38	G	
40	SB	
41	W/R	
42	R	

43	V	
51	L/O	
52	BR/W	
53	BR/Y	
54	GR/L	
60	W	
61	B	
62	R	
63	G	
64	SHIELD	
91	BR	
92	L/W	
94	Y/B	
95	G/R	
97	R	
98	G/B	
100	W/R	

Connector No.	E107
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS(E)-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
4	V/W	
5	G/R	
8	P	
9	GR/L	
10	Y/R	
11	L/R	
12	W/G	
13	BR/Y	
14	LG	
15	BR/W	
17	W/B	
18	GR/R	
20	W/R	
21	B	
22	R/L	
23	G/R	
24	R/W	
25	W/L	

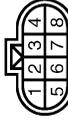
26	R	
27	L	
28	G/B	
31	G/Y	
38	G/Y	
39	O	
40	W	
41	R	
42	B	
43	Y	
44	G	
45	SHIELD	
46	G/O	
47	G/R	
48	SHIELD	
49	W	
50	SHIELD	
51	Y/R	
52	GR	
53	LG/B	
54	LG/R	
55	R/G	
56	B/R	
57	SB	
60	G	
61	B	
62	W	
63	R	
64	SHIELD	
65	L/Y	
66	V	
67	B/W	
91	G/R	
95	SB	
96	G/R	
97	GR/L	
98	G/W	
99	R/Y	
100	L	

Connector No.	E118
Connector Name	AIR COMPRESSOR RELAY
Connector Type	24347 9F300



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	V	
3	SB	
5	Y/B	

Connector No.	E118
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS08FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	B	
3	B	
4	LG	
5	BR/Y	
6	LG/B	
7	LG	
8	G	

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E119
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS08FB-PR



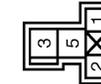
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	B	-
4	L	-
5	W	-
6	R	-
7	L	-
8	G/Y	-

Connector No.	E124
Connector Name	VEHICLE SECURITY HORN RELAY
Connector Type	M03FW-R-LC



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

Connector No.	E128
Connector Name	TRAILER TAIL LAMP RELAY
Connector Type	MS02FL-M2-LC



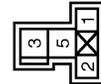
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	B	-
3	BR	-
5	R/G	-

Connector No.	E128
Connector Name	TRAILER TURN SIGNAL LAMP RELAY LH
Connector Type	MS02FL-M2-LC



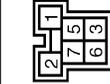
Terminal No.	Color of Wire	Signal Name [Specification]
1	G/B	-
2	L	-
3	G/W	-
	L	-

Connector No.	E130
Connector Name	TRAILER TURN SIGNAL LAMP RELAY RH
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/B	-
2	L	-
3	Y/G	-
5	L	-

Connector No.	E131
Connector Name	TRAILER POWER RELAY
Connector Type	M06FER-R-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	B	-
3	Y	-
5	R	-
6	Y	-
7	L/W	-

Connector No.	E201
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24840-79806



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

Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	-



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

Connector No.	E205
Connector Name	ALTERNATOR
Connector Type	HS03FB



Terminal No.	Color of Wire	Signal Name [Specification]
3	L/B	S
4	W	C
5	R	-

JCMWM8360GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

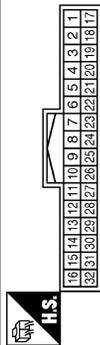
BATTERY POWER SUPPLY

Connector No.	E207
Connector Name	WIRE TO WIRE
Connector Type	RH08FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	R	-
3	L/B	-
4	L/Y	-
5	W/G	-
7	Y	-
8	B/W	-

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	THB2FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L/O	-
4	LG	-
5	W/L	-
6	G/O	-
7	L/R	-
8	LG/R	-
14	R	-
16	SB	-
17	R/W	-
18	Y/G	-
19	BR/Y	-
20	P/B	-
21	R/B	-

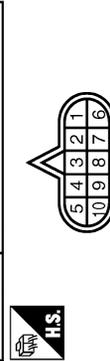
22	Y	-
23	BR/W	-
24	P/L	-
29	P	-
30	BR	-
31	L	-
32	P	-

Connector No.	F10
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	Z4340 79007



Terminal No.	7
Color of Wire	B/R
Signal Name [Specification]	-

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	RK10FG



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	P	-
3	L	-
4	SB	-
5	B	-
6	V	-
7	R	-
8	P	-
9	BR	-
10	B	-

Connector No.	F57
Connector Name	STARTER MOTOR
Connector Type	-



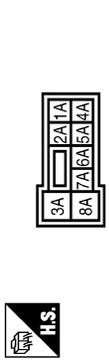
Terminal No.	2
Color of Wire	B/R
Signal Name [Specification]	-

Connector No.	F301
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



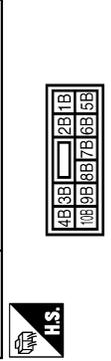
Terminal No.	Color of Wire	Signal Name [Specification]
1	-	VIGN
2	-	BATT
3	-	CAN-H
4	-	K LINE
5	-	GND
6	-	VGN
7	-	REV LAMP-RLY
8	-	CAN-L
9	-	START RLY
10	-	GND

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	Y	-
2A	GR	-
3A	W	-
4A	Y/G	-
5A	V	-
6A	L/W	-
7A	LG	-
8A	W	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
3B	R	-
4B	B	-
5B	BR	-
6B	Y	-
7B	G	-
8B	L/O	-
10B	W/B	-

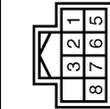
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	M12
Connector Name	STEERING LOCK UNIT
Connector Type	TH80FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	S/L 12V (MECHANICAL)
2	Y/G	S/L (K LINE)
3	L	S/L CONDITION1
5	B	GND
6	B	S/L 12V (CPU)
7	W	S/L CONDITION2
8	P	S/L CONDITION2

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

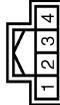


Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
5	R/W	
6	L	
7	V	
9	G	
11	W/B	
12	BR	
13	G/R	
14	B/Y	
15	W/R	
16	GR/R	
18	G/W	
19	V	
20	W/G	

21	B/W	-
22	V	-
23	SHIELD	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	- [With ICC]
31	P	- [Without ICC]
32	G/Y	-
33	B/SB	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
42	G/R	-
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
49	GR	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	Y	-
64	R	-
65	W	-
66	G	-
67	B	-
68	SHIELD	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-

81	Y/L	-
83	BR/W	-
84	L/O	-
85	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	M26
Connector Name	NATS ANTENNA AMP.
Connector Type	TH80FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BAT
2	P	CLK
3	LG/R	DATA
4	B	GND

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH80FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	R/W	

1	Y	BATTERY POWER SUPPLY
2	GR	IGNITION SIGNAL
3	B	GROUND
4	B	GROUND
5	B	ILL.GND
7	R	TOW MODE SIGNAL
8	P/L	TRIP RESET SWITCH SIGNAL
11	G	SELECT SWITCH SIGNAL
12	O	ILLUMINATION CONTROL SWITCH SIGNAL (+)
13	W/R	ILLUMINATION CONTROL SWITCH SIGNAL (-)
14	R	AIR BAG SIGNAL
15	R/W	AMBIENT SENSOR SIGNAL
18	W/R	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
19	V/W	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
20	B	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	GROUND
23	B	FUEL LEVEL SENSOR GROUND
24	V	ALL TERMINATOR SIGNAL
25	O/L	PARKING BRAKE SWITCH SIGNAL
26	W	SECURITY SIGNAL
28	GR/R	WASHER LEVEL SWITCH SIGNAL
29	BR	VEHICLE SPEED SIGNAL (2-PULSE)
30	BR/W	VEHICLE SPEED SIGNAL (8-PULSE)
31	BR/W	SHOW MODE SIGNAL
32	W	FUEL LEVEL SENSOR SIGNAL
33	W	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
34	BR/Y	PASSENGER SEAT BELT WARNING SIGNAL
35	O/B	NON-MANUAL MODE SIGNAL
36	G/Y	MANUAL MODE SHIFT DOWN SIGNAL
37	R/Y	MANUAL MODE SHIFT UP SIGNAL
38	L/W	MANUAL MODE SIGNAL
39	Y/B	MANUAL MODE SIGNAL
40	G/W	MANUAL MODE SIGNAL

Connector No.	M84
Connector Name	CIRCUIT BREAKER
Connector Type	IM82FW-P-LG



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	R/W	

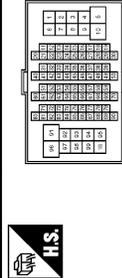
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

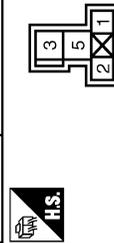
Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	-- [With ICC]
12	R	-- [Without ICC]
13	P/B	
14	BR	
15	O/L	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	Y	
22	L	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
29	R/W	
30	O/L	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/O	
37	G/Y	
38	G	
40	SB	
41	W/R	

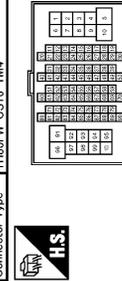
42	R	--
43	V	--
51	L/O	--
52	BR/W	--
53	BR/Y	--
54	GR/L	--
60	W	--
61	B	--
62	G	--
63	R	--
64	SHIELD	--
91	BR	--
92	L/W	--
94	Y/B	--
95	L/R	--
97	R	--
98	O/L	--
100	W/B	--

Connector No.	M79
Connector Name	ACCESSORY RELAY (2)
Connector Type	MSDIFL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	L/W	
3	W	
5	L	

Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



67	B/W	--
91	G/R	--
95	SB	--
96	G/R	--
97	GR/L	--
98	G/W	--
99	P	--
100	L	--

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	--
4	V/W	--
5	G/R	--
6	P	--
9	GR/L	--
10	Y/R	--
11	L/R	--
12	W/G	--
13	BR/Y	--
14	LG	--
15	BR/W	--
17	W/B	--
18	GR/R	--
20	W/R	--
21	B	--
22	R/L	--
23	G/R	--
24	R/W	--
25	W/L	--
26	R	--
27	L	--
28	B/SB	--
37	G/Y	--
38	G/Y	--
39	O	--
40	W	--
41	R	--
42	B	--
43	Y	--
44	G	--
45	SHIELD	--
46	G/O	--
47	G/R	--
48	SHIELD	--
48	W	--
50	SHIELD	--
51	Y/R	--
52	GR	--
53	LG/B	--
54	LG/R	--
55	R/G	--
56	B/O	--
57	SB	--
60	G	--
61	B	--
62	W	--
63	R	--
64	SHIELD	--
65	L/Y	--
66	V	--

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

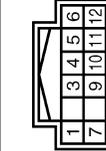
Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM44



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W/R	-
5	W/B	-
6	L/Y	-
7	R	-
8	G/R	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	G/Y	-
21	R	-
22	GR	-
27	L/O	-
29	SB	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
38	P/B	-
40	W/R	-
41	R	-
42	L/W	-
43	B/W	-
51	O/L	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-

63	R/Y	-
64	BR	-
70	O	-
71	G/R	-
72	SHIELD	-
73	G/O	-
74	G/Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	M125
Connector Name	CAN GATEWAY
Connector Type	TH12PW-NH



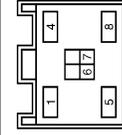
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
3	Y	BATTERY
4	L	CAN-H
5	B	GND
6	L	CAN-H
7	P	CAN-L
9	GR	IGNITION
10	R	CAN-L
11	B	GND
12	R	CAN-L

Connector No.	M140
Connector Name	OPTION CONNECTOR (ELECTRIC BRAKE)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	R	-
3	L/W	-
4	L/W	-
5	R	-

Connector No.	M143
Connector Name	INVERTER UNIT
Connector Type	AAF04FB-AHC4



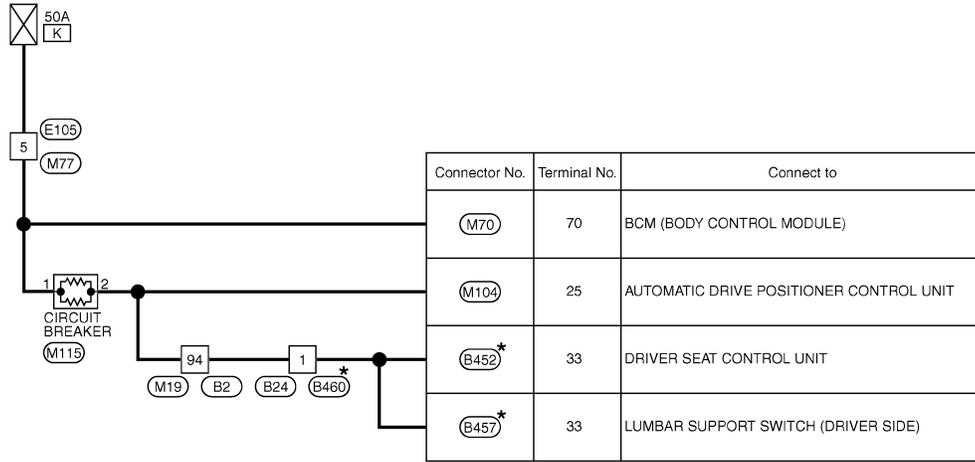
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
4	G/R	AC 120 V OUTPUT
5	G	AC 120 V OUTPUT
6	W	MAIN SW SIGNAL
7	O	MAIN SW INDICATOR
8	G/Y	GND

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. K - BATTERY POWER SUPPLY FUSIBLE LINK No. K

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*: This connector is not shown in "Harness Layout".

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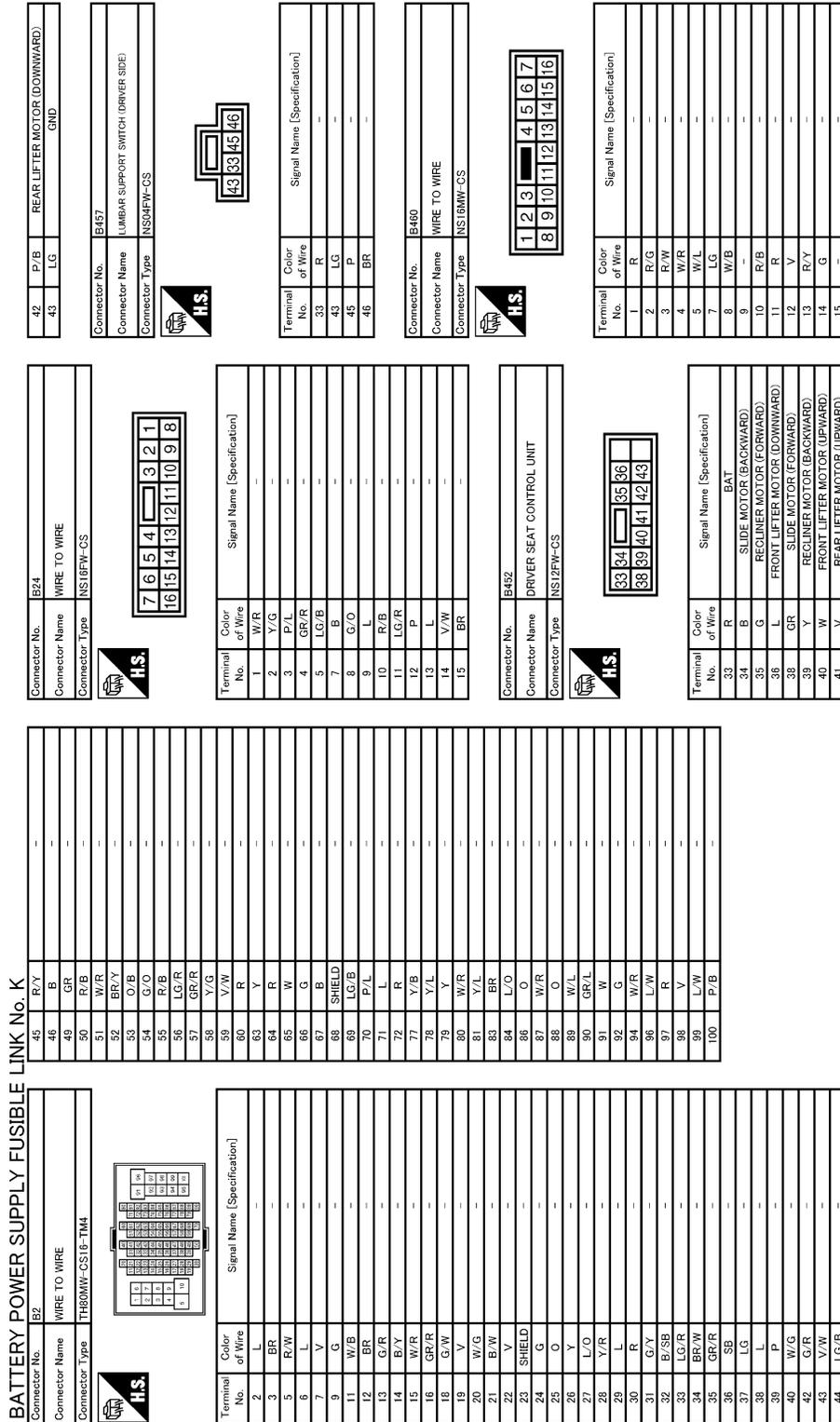
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POWER SUPPLY ROUTING CIRCUIT

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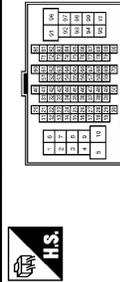
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSIBLE LINK No. K

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	
13	P/B	
14	BR	
15	L/B	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	Y/V	
22	L	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
28	R/W	
30	L/B	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/R	
37	G/Y	
38	G	
40	SB	
41	W/R	
42	R	

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
5	R/W	
6	L	
7	V	
9	G	
11	W/B	
12	BR	
13	G/R	
14	B/Y	
15	W/R	
16	GR/R	
18	G/W	
19	V	
20	W/G	
21	B/W	
22	V	
23	SHIELD	
24	G	

25	O	
26	L/O	
27	L/O	
28	Y/R	
29	L	
30	R	
30	P	
31	G/Y	
32	B/SB	
33	LG/R	
34	BR/W	
35	GR/R	
36	SB	
37	LG	
38	L	
39	P	
40	W/G	
42	G/R	
43	V/W	
44	LG/B	
45	R/Y	
46	B	
49	GR	
50	R/B	
51	W/R	
52	BR/Y	
53	O/B	
54	G/O	
55	R/B	
56	LG/R	
57	GR/R	
58	Y/G	
59	V/W	
60	R	
63	Y	
64	R	
64	W	
65	G	
67	B	
68	SHIELD	
69	LG/B	
70	P/L	
71	L	
72	R	
77	Y/B	
78	Y/L	
79	Y	
80	W/R	
81	Y/L	
83	BR/W	
84	L/O	
86	O	

87	W/R	
88	O	
89	W/L	
90	GR/L	
91	W	
92	G	
94	W/R	
96	L/W	
97	R	
98	V	
99	L/W	
100	P/B	

Connector No.	M70
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA08PW-FHA6-SA

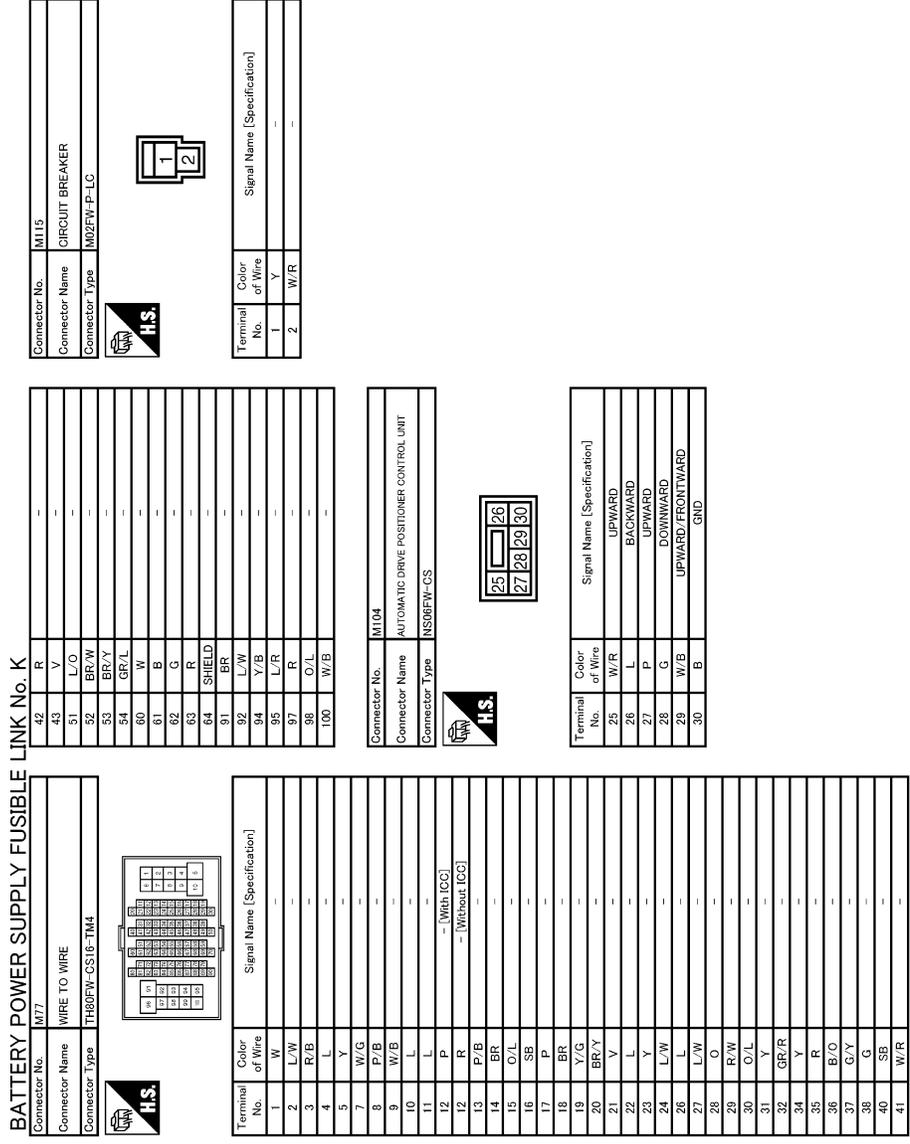


Terminal No.	Color of Wire	Signal Name [Specification]
56	W/R	INT ROOM LAMP PWR SPLY
57	LG	BAT (FUSE)
59	G	PASSENGER DOOR UNLK OUTPUT
60	G	TURN SIGNAL LH OUTPUT
61	G/Y	TURN SIGNAL RH OUTPUT
62	R	STEP LAMP CONT
63	BR	ROOM LAMP TIMER CONT
64	GR/R	CRANKING REQUEST
65	R	ALL DOOR LOCK OUTPUT
66	V	DR DOOR FUEL LID UNLK OUTPUT
67	B	GNL
68	Y	PW PWR SPLY (IGN)
69	W	PW PWR SPLY (BAT)
70	Y	BAT (F/L)

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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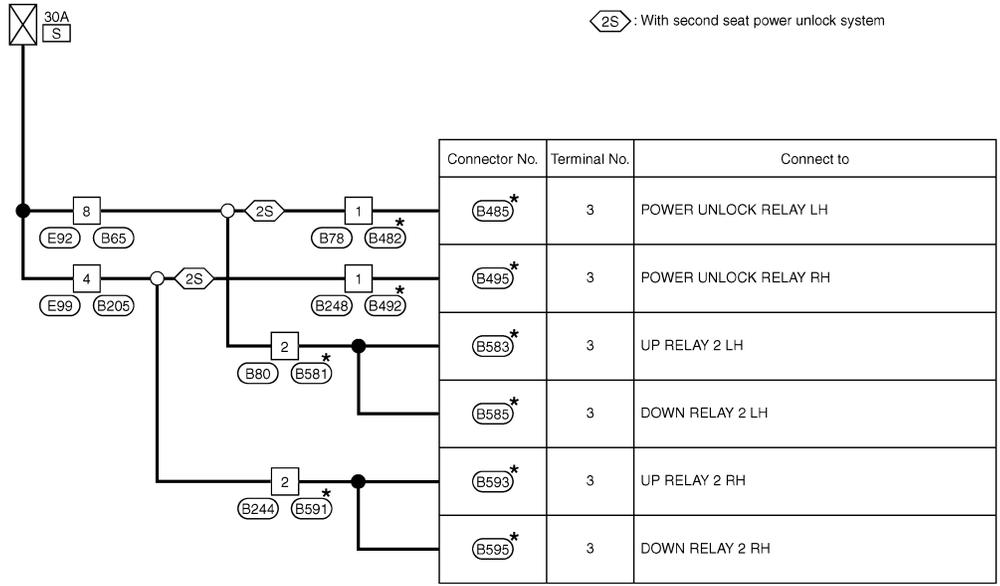
POWER SUPPLY ROUTING CIRCUIT

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Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. S - BATTERY POWER SUPPLY FUSIBLE LINK No. S

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*: This connector is not shown in "Harness Layout".

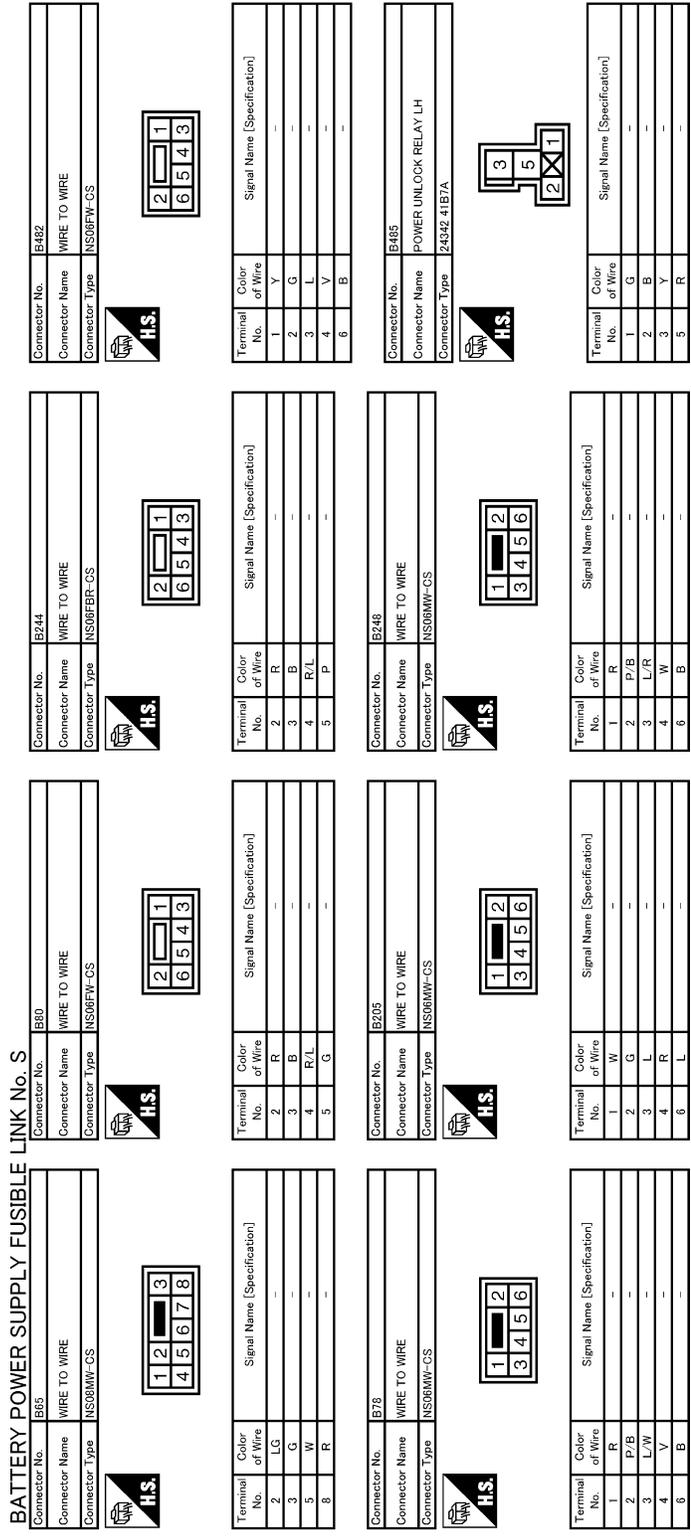
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POWER SUPPLY ROUTING CIRCUIT

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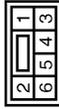
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSIBLE LINK No. S

Connector No.	B492
Connector Name	WIRE TO WIRE
Connector Type	MS30FW-CS



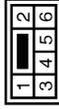
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	G	-
3	L	-
4	V	-
5	B	-

Connector No.	B495
Connector Name	POWER UNLOCK RELAY RH
Connector Type	24342 41B7A



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

Connector No.	B531
Connector Name	WIRE TO WIRE
Connector Type	NS30MH-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
4	R/L	-
5	G	-

Connector No.	B533
Connector Name	UP RELAY 2 LH
Connector Type	MS30PF-M2



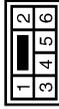
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	R	-
4	W	-

Connector No.	B535
Connector Name	DOWN RELAY 2 LH
Connector Type	MS30FE-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/L	-
2	B	-
3	R	-
4	P	-

Connector No.	B531
Connector Name	WIRE TO WIRE
Connector Type	NS30MBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
4	R/L	-
5	G	-

Connector No.	B533
Connector Name	UP RELAY 2 RH
Connector Type	MS30FB-M2



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

Connector No.	B535
Connector Name	DOWN RELAY 2 RH
Connector Type	MS30FB-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/L	-
2	B	-
3	R	-
4	P	-

Connector No.	B537
Connector Name	WIRE TO WIRE
Connector Type	NS30FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	-
3	G	-
5	W	-
8	R	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSIBLE LINK No. S

Connector No.	EB9
Connector Name	WIRE TO WIRE
Connector Type	HS08FV-C5



2	1
6	4
5	3

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L	-
4	R	-
6	L/W	-

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POWER SUPPLY ROUTING CIRCUIT

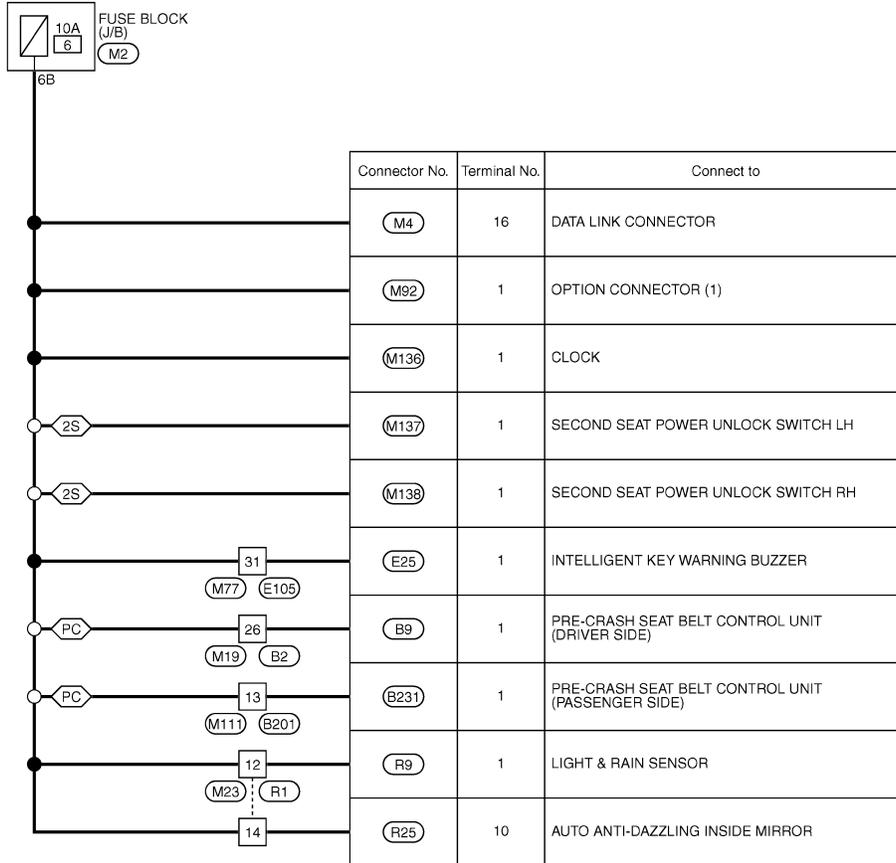
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

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BATTERY POWER SUPPLY FUSE No. 6

2S : With second seat power unlock system
 PC : With pre-crash seat belt



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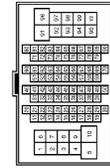
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

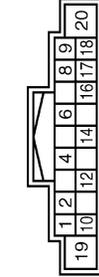
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	L	
3	BR	
4	R/W	
5	L	
6	L	
7	V	
8	G	
9	G	
10	W/B	
11	BR	
12	G/R	
13	B/Y	
14	W/R	
15	GR/R	
16	G/W	
17	V	
18	W/G	
19	B/W	
20	SHIELD	
21	V	
22	O	
23	O	
24	L/O	
25	Y	
26	Y	
27	L/O	
28	Y/R	
29	L	
30	R	
31	G/Y	
32	B/SB	
33	LG/R	
34	BR/W	
35	GR/R	
36	SB	
37	LG	
38	L	
39	P	
40	W/G	
41	G/R	
42	V/W	
43	V/W	
44	LG/B	

Connector No.	B9
Connector Name	PRE-DRIVER SEAT BELT CONTROL UNIT (DRIVER SIDE)
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	SIG BAT
2	G	OUT 1
3	P	CAN-L
4	LG/R	BUCKLE SW LH NO
5	G	LOCAL COMM 2
6	G	SHIELD GND
7	R	SENS POWER 1
8	R	OUT 2
9	B	CAN-H
10	W	LOCAL COMM 1
11	W	SENS GND 1
12	B	SIG GND
13	W	MOTOR BAT
14	W	MOTOR GND
15	B	
16	B	
17	B	
18	B	
19	B	
20	B	

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W	
4	W/B	
5	L/Y	
6	R	
7	R	
8	G/R	
9	GR/R	

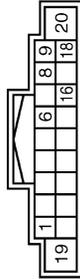
11	W	
12	V	
13	Y	
14	L/O	
15	GR/L	
16	R/G	
17	L/Y	
18	G/Y	
19	R	
20	GR	
21	L/W	
22	W	
23	R/L	
24	Y/L	
25	W/R	
26	W/G	
27	L/R	
28	P/B	
29	W/R	
30	L	
31	R	
32	B	
33	B	
34	B	
35	B	
36	B	
37	B	
38	B	
39	B	
40	B	
41	B	
42	B	
43	B	
44	B	
45	B	
46	B	
47	B	
48	B	
49	B	
50	B	
51	B	
52	B	
53	B	
54	B	
55	B	
56	B	
57	B	
58	B	
59	B	
60	B	
61	B	
62	B	
63	B	
64	B	
65	B	
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67	B	
68	B	
69	B	
70	B	
71	B	
72	B	
73	B	
74	B	
75	B	
76	B	
77	B	
78	B	
79	B	
80	B	
81	B	
82	B	
83	B	
84	B	
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89	B	
90	B	
91	B	
92	B	
93	B	
94	B	
95	B	
96	B	
97	B	
98	B	
99	B	
100	B	

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

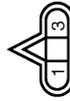
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	B231
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (PASSENGER SIDE)
Connector Type	TH18PW-CS2



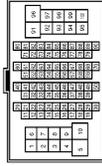
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	SIG BATT
6	LG/B	BUGGLE SW RH NO
8	G	LOCAL COMM 2
9	SHIELD	SHIELD GND
16	W	LOCAL COMM 1
18	B	SIG GND
19	W	MOTOR BATT
20	B	MOTOR GND

Connector No.	E25
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03FBR



Terminal No.	Color of Wire	Signal Name [Specification]
3	GR/R	BUZZER SIGNAL

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MP-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	
13	P/B	
14	BR	
15	L/B	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	Y/V	
22	L	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
29	R/W	
30	L/B	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/R	
37	G/Y	
38	G	
40	SB	
41	W/R	
42	R	

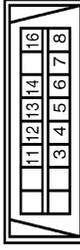
43	V	
51	L/O	
52	BR/W	
53	BR/Y	
54	GR/L	
60	W	
61	B	
62	R	
63	G	
64	SHIELD	
91	BR	
92	L/W	
94	Y/B	
95	G/R	
97	R	
98	G/B	
100	W/R	

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	
3B	R	
4B	B	
5B	BR	
6B	Y	
7B	G	
8B	L/O	
10B	W/B	

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



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	
4	B	
5	B	
6	L	
7	SB	
8	GR	
11	SB	
12	R	
13	L	
14	P	
16	Y	

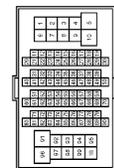
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	BR	-
5	R/W	-
6	L	-
7	V	-
9	G	-
11	W/B	-
12	BR	-
13	G/R	-
14	B/Y	-
15	W/R	-
16	GR/R	-
18	G/W	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
23	SHIELD	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	- [With ICC]
31	P	- [Without ICC]
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
42	G/R	-
43	V/W	-

Connector No.	M23
Connector Name	WIRE TO WIRE
Connector Type	TH22MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
4	Y	-
7	B	-
8	Y/L	-
10	B	-
11	R	-
12	Y	-
13	SHIELD	-
14	Y	-
15	W/R	-
16	L/O	-
17	Y	-
20	W	-
22	SB	-
23	Y/R	-
24	SHIELD	-
25	Y/G	-
26	L/O	-
27	W/G	-
28	Y	-
29	L	-
30	B/SB	-
31	BR	-
32	GR/L	-

44	LG/B	-
45	R/Y	-
46	B	-
49	GB	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	Y	-
64	R	-
65	W	-
66	G	-
67	B	-
68	SHIELD	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
83	BR/W	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

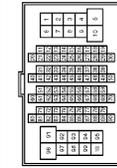
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	-- [With ICC]
13	P/B	-- [Without ICC]
14	BR	
15	O/L	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	Y	
22	Y	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
29	R/W	
30	O/L	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/O	
37	G/Y	
38	G	
40	SB	
41	W/R	

42	R	
43	V	
51	L/O	
52	BR/W	
53	BR/Y	
54	GR/L	
60	W	
61	B	
62	G	
63	R	
64	SHIELD	
91	BR	
92	L/W	
94	Y/B	
95	L/R	
97	R	
98	O/L	
100	W/B	

Connector No.	M82
Connector Name	OPTION CONNECTOR (1)
Connector Type	TH8DMW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	GR	
3	W/R	
6	Y/L	
8	B	

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W/R	
5	W/B	
6	L/Y	
7	B	
8	GR	
9	GR/R	
11	W	
12	V	
13	Y	
16	L/O	
17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	
21	R	
22	GR	
27	L/O	
28	SB	
30	R/L	
31	Y/L	
32	W/R	
33	W/G	
34	L/R	
38	P/B	
40	W/R	
41	R	
42	L/W	
43	B/W	
51	O/L	
52	L/R	
53	SB	
54	V/W	
59	L	
60	GR	
61	P/L	
62	B/SS	

63	R/Y	
64	BR	
70	O	
71	G/R	
72	SHIELD	
73	G/O	
74	G/Y	
77	SB	
78	LG	
79	R/B	
90	W/B	
93	Y	
94	L	
95	L/R	
96	R	
97	W	
88	V	
89	L/W	
100	W	

Connector No.	M138
Connector Name	CLOCK
Connector Type	TH8DFW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BAT
2	B	GND
3	L/W	ILLUMINATION (+)
4	B/O	ILLUMINATION (-)

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POWER SUPPLY ROUTING CIRCUIT

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BATTERY POWER SUPPLY FUSE No. 6

Connector No.	M137
Connector Name	SECOND SEAT POWER UNLOCK SWITCH LH
Connector Type	TK04FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	P/B	
3	L/W	
4	B	

Connector No.	M138
Connector Name	SECOND SEAT POWER UNLOCK SWITCH RH
Connector Type	TK04FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	P/B	
3	L/W	
4	B	

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH82FV-NH



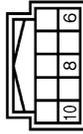
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
4	Y	
7	B	
8	Y/L	
10	B	
11	R	
12	Y	
13	SHIELD	
14	B/Y	
15	W/R	
16	L/O	
17	Y	
20	W	
22	SB	
23	Y	
24	SHIELD	
25	Y/G	
26	L	
27	W/G	
28	Y	
29	L	
30	B/SB	
31	BR	
32	B/R	

Connector No.	R9
Connector Name	LIGHT & RAIN SENSOR
Connector Type	AAE03FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	R	
3	B	

Connector No.	R25
Connector Name	AUTO ANTI-DAZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	B/R	
8	B	
10	B/Y	

POWER SUPPLY ROUTING CIRCUIT

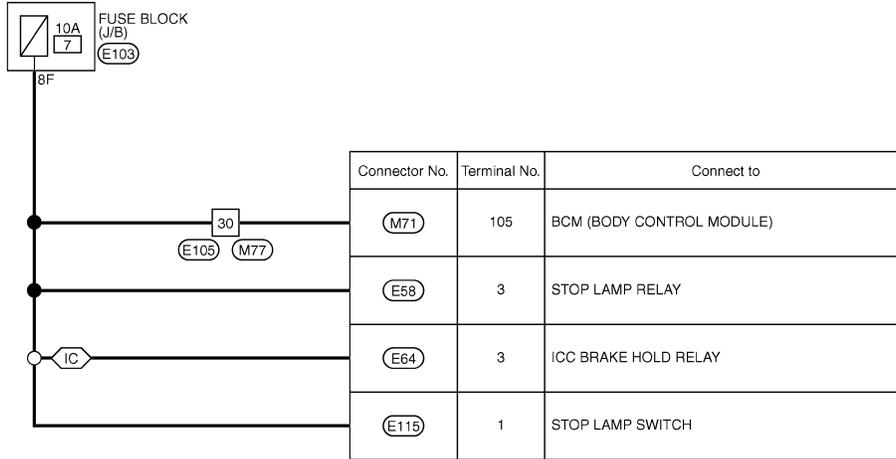
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 7 - BATTERY POWER SUPPLY FUSE No. 7

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 7

Connector No.	E103
Connector Name	STOP LAMP RELAY
Connector Type	MS02FL-MZ-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/B	-
2	W	-
3	L/B	-
5	R	-

Connector No.	E64
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	MS02FL-MZ-1-C



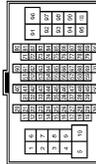
Terminal No.	Color of Wire	Signal Name [Specification]
1	W/G	-
2	R	-
3	L/B	-
5	R	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FV-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	W/B	-
2F	R	-
4F	GR	-
6F	Y/G	-
8F	L/B	-
9F	Y	-
10F	G	-
14F	Y	-
15F	L	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	L/W	-
3	R/B	-
4	Y	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	L	-
11	L	-
12	P	-
13	P/B	-
14	BR	-
15	L/B	-
16	SB	-
17	P	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	Y/V	-
22	L	-
23	Y	-
24	L/W	-
26	L	-
27	L/W	-

Connector No.	M71
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
72	P	PUDDLE LAMP CONT
73	W	ON IND
74	Y/B	TRAILER TURN SIG RH CONT
75	LG/R	DRIVER DOOR REQUEST SW
76	P/L	PASSENGER DOOR REQUEST SW
77	O/L	TRAILER TURN SIG LH CONT
78	P/B	DRIVER DOOR ANT+
79	Y	DRIVER DOOR ANT-
80	LG/B	PASSENGER DOOR ANT+
81	Y/R	PASSENGER DOOR ANT-
82	W/G	BACK DOOR ANT+
83	B/W	BACK DOOR ANT-
84	BR	ROOM ANT+
85	Y	ROOM ANT-
86	W	ROOM ANT+
87	B	ROOM ANT-
88	V	LAGGAGE ROOM ANT+
89	G	LAGGAGE ROOM ANT-
90	Y	PUSH-BTN IGN SW ILL PWR
91	O	LOCK IND
92	L	LOW SIDE PUSH LED
93	GR/R	I-KEY WARN BUZZER
94	Y/G	S/L UNIT COMA
95	W	S/L UNIT PWR SPLY
96	BR	ACC RELAY CONT
97	R/W	STARTER RELAY CONT
98	O	IGN RELAY (F/B) CONT
99	R	IGN RELAY (F/B) CONT
100	SB	PUSH SW
101	W/B	IGN PWR SPLY 2
102	BR	SHIFT N/P
104	R/B	A/T SHIFT SELECT PWR SPLY
105	O/L	STOP LAMP SW 2
106	Y/G	BLWR FAN MTR RELAY CONT
107	L	S/L CONDITION1
108	P	S/L CONDITION2
109	L/W	ACC IND

Connector No.	E115
Connector Name	STOP LAMP SWITCH
Connector Type	MM0FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/B	-
2	R	-
3	G	-
4	L/R	-

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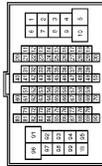
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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BATTERY POWER SUPPLY FUSE No. 7

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FN-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L/W	-
3	R/B	-
4	L	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	L	-
11	L	-
12	P	- [With ICC] - [Without ICC]
13	P/B	-
14	BR	-
15	O/L	-
16	SB	-
17	P	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	Y	-
22	Y	-
23	Y	-
24	L/W	-
26	L	-
27	L/W	-
28	O	-
29	R/W	-
30	O/L	-
31	Y	-
32	GR/R	-
34	Y	-
35	R	-
36	B/O	-
37	G/Y	-
38	G	-
40	SB	-
41	W/R	-

42	R	-
43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	G	-
63	R	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	L/R	-
97	R	-
98	O/L	-
100	W/B	-

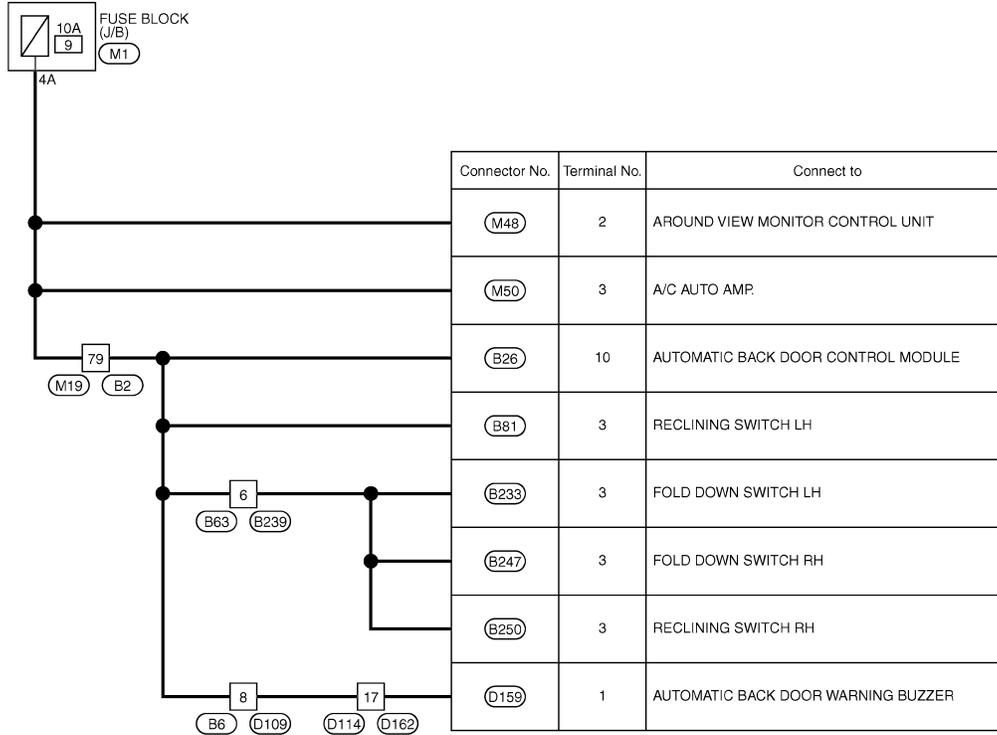
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 9 - BATTERY POWER SUPPLY FUSE No. 9

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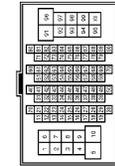
JCMWM8382GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 9

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH20MW-CS(E)-TMA



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
5	R/W	
6	L	
7	V	
9	G	
11	W/B	
12	BR	
13	G/R	
14	B/Y	
15	W/R	
16	GR/R	
18	G/W	
19	V	
20	W/G	
21	B/W	
22	V	
23	SHIELD	
24	G	
25	O	
26	Y	
27	L/O	
28	Y/R	
29	L	
30	R	
31	G/Y	
32	B/SB	
33	LG/R	
34	BR/W	
35	GR/R	
36	SB	
37	LG	
38	L	
39	P	
40	W/G	
42	G/R	
43	V/W	
44	LG/B	

Terminal No.	Color of Wire	Signal Name [Specification]
45	R/Y	
46	B	
49	GR	
50	R/B	
51	W/R	
52	BR/Y	
53	O/B	
54	G/O	
55	R/B	
56	LG/R	
57	GR/R	
58	Y/G	
59	V/W	
60	R	
63	Y	
64	R	
65	W	
66	G	
67	B	
68	SHIELD	
69	LG/B	
70	P/L	
71	L	
72	R	
77	Y/B	
78	Y/L	
79	Y	
80	W/R	
81	Y/L	
83	BR	
84	L/O	
86	O	
87	W/R	
88	O	
89	W/L	
90	GR/L	
91	W	
92	G	
94	W/R	
96	L/W	
97	R	
98	V	
99	L/W	
100	P/B	

Connector No.	B6
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	R	
3	Y	
5	LG	
6	GR	
7	GR	
8	L/O	
9	Y	
10	B/W	
11	W/G	
12	W/R	
13	B	
14	G	
15	SHIELD	
17	BR/Y	
18	W/L	
19	Y/L	
20	G/Y	
21	L/Y	
22	L/W	
23	G/W	
24	L/R	

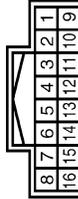
Connector No.	B26
Connector Name	AUTOMATIC BACK DOOR CONTROL MODULE
Connector Type	TH20PW-TB6



Terminal No.	Color of Wire	Signal Name [Specification]
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1	L	BUIZZER
2	Y/B	ABD SW
4	GR	ABD CLOSE SW
6	P	CAN-L
7	L	CAN-H
8	L/W	HALF LATCH SW
9	GR/L	IGN
10	Y	BAT
11	R	CLOSURE MTR (CLOSE)
12	V	CLOSURE MTR (OPEN)
14	G/W	TOUCH SENS LH
15	L/R	TOUCH SENS GND
16	LG	TOUCH SENS RH
17	O	MAIN SW
19	L/Y	CLOSE SW
20	G/Y	OPEN SW
22	B	GND
23	B	GND
28	R/W	BAT
34	B	GND

Connector No.	B63
Connector Name	WIRE TO WIRE
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	L	
3	Y/R	
4	SB	
5	LG	
6	Y	
7	L/O	
8	G	
13	R/L	
14	G	
15	SHIELD	
16	W	

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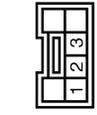
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

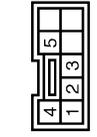
BATTERY POWER SUPPLY FUSE No. 9

Connector No.	B81
Connector Name	RECLINING SWITCH LH
Connector Type	TK08FW-IV



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	DOWN
2	R/L	UP
3	Y	GND

Connector No.	B233
Connector Name	FOLD DOWN SWITCH LH
Connector Type	TK08FW



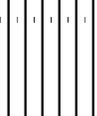
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	DOWN
2	R/L	UP
3	Y	GND

Connector No.	B239
Connector Name	WIRE TO WIRE
Connector Type	TH18MW-NH

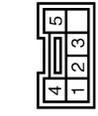


Terminal No.	Color of Wire	Signal Name [Specification]
1	G	DOWN
2	R/L	UP
3	Y	GND

1	Y	-
2	L	-
3	Y	-
4	SB	-
5	LG	-
6	Y	-
7	L	-
8	G	-
13	R/L	-
14	G	-
15	SHIELD	-
16	W	-

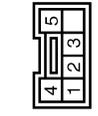


Connector No.	B247
Connector Name	FOLD DOWN SWITCH RH
Connector Type	TK08FW-IV



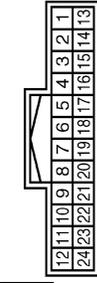
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	R/L	-
3	Y	-

Connector No.	B250
Connector Name	RECLINING SWITCH RH
Connector Type	TK08FW-IV



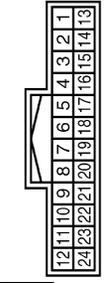
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	R/L	-
3	Y	-

Connector No.	D109
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	R	-
3	Y	-
5	LG	-
6	GR	-
7	L/O	-
8	Y	-
9	L	-
10	B/W	-
11	W/G	-
12	W/R	-
13	B	-
14	G	-
15	SHIELD	-
17	BR/Y	-
18	W/L	-
19	Y/L	-
20	G/Y	-
21	L/Y	-
22	L/W	-
23	G/W	-
24	L/R	-

Connector No.	D114
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



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

1	W/L	-
2	W/R	-
3	L/O	-
4	GG	-
5	BR/Y	-
6	B/W	-
7	W/G	-
10	Y	-
11	R	-
12	W	-
13	L/W	-
14	L/Y	-
15	G/Y	-
16	Y/L	-
17	Y	-
18	L	-
22	SHIELD	-
23	G	-
24	B	-

Connector No.	D159
Connector Name	AUTOMATIC BACK DOOR WARNING BUZZER
Connector Type	FK02FBR



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 9

Connector No.	D102
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	-
2	W/R	-
3	L/B	-
4	GR	-
5	BR/Y	-
6	B/W	-
7	W/G	-
10	Y	-
11	R	-
12	W	-
13	L/W	-
14	L/Y	-
15	G/Y	-
16	Y/L	-
17	Y	-
18	L	-
22	SHIELD	-
23	G	-
24	B	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS96FW-M2



3A	2A	1A
8A	7A	6A
5A	4A	3A

Terminal No.	Color of Wire	Signal Name [Specification]
1A	Y	-
2A	GR	-
3A	W	-

4A	Y/G
5A	V
6A	L/W
7A	LC
8A	W



Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	BR	-
5	R/W	-
6	L	-
7	V	-
9	G	-
11	W/B	-
12	BR	-
13	G/R	-
14	B/Y	-
15	W/R	-
16	GR/R	-
18	G/W	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
23	SHIELD	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	- [With ICC]
31	P	- [Without ICC]
32	G/Y	-
33	B/SB	-
34	LG/R	-
35	BR/W	-
36	GR/R	-

36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
42	G/R	-
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
48	GR	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	Y	-
64	R	-
65	W	-
66	G	-
67	B	-
68	SHIELD	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
83	BR/W	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	M48
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	Y/G	BATTERY
3	GR/L	IGNITION SIGNAL
4	V	ACC
5	L/W	ILLUMINATION SIGNAL
6	BR/W	VEHICLE SPEED SIGNAL (SP-PULSE)
7	P	REVERSE SIGNAL
9	B/O	CONTROL SIGNAL
13	B/O	CONTROL SIGNAL
17	SB	AV COMM (H)
18	LG	AV COMM (L)
23	LG	AUXILIARY INFRARED LED (+)
27	W	CAMERA IMAGE SIGNAL
28	SHIELD	SHIELD
29	Y	SIDE CAMERA RH IMAGE SIGNAL
30	G	SIDE CAMERA RH IMAGE GND
31	SHIELD	SHIELD
32	B	SIDE CAMERA RH GND
33	W	SIDE CAMERA RH COMM
34	R	SIDE CAMERA RH POWER SUPPLY
35	Y	REAR CAMERA COMM
36	R	REAR CAMERA POWER SUPPLY
37	SHIELD	SHIELD
38	W	REAR CAMERA GND
39	G	REAR CAMERA IMAGE SIGNAL
40	B	REAR CAMERA IMAGE GND

A B C D E F G H I J K L PG N O P

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 9

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	B	GROUND
3	Y/G	BATTERY POWER SUPPLY
4	V	ACC POWER SUPPLY
5	W	IONIZER CONTROL SIGNAL
6	Y/W	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
7	W/R	AMBIENT SENSOR SIGNAL
8	GR/L	RR IN-VEHICLE SENSOR SIGNAL
9	BR	SUNLOAD SENSOR (DR) SIGNAL
10	V/W	EXT GAS / OUTSIDE DOOR DETECTING SENSOR SIGNAL
11	W	COMM (A/C AUTO AMP->RR A/C CONT)
14	O/L	FR BLOWER MOTOR CONTROL SIGNAL
16	R/G	EACH DOOR MOTOR LIN SIGNAL
17	L/Y	EACH DOOR MOTOR POWER SUPPLY
21	P	CAN-L
22	B	GROUND
23	GR/L	IGNITION POWER SUPPLY
25	R	-
26	B	SENSOR GROUND
27	GR	FR IN-VEHICLE SENSOR SIGNAL
28	R	INTAKE SENSOR SIGNAL
29	O	SUNLOAD SENSOR (PASS) SIGNAL
31	O/L	COMM (RR A/C CONT->A/C AUTO AMP)
34	L/O	RR BLOWER MOTOR CONTROL SIGNAL
37	B	GROUND
38	G/W	RR A/C RELAY CONTROL SIGNAL

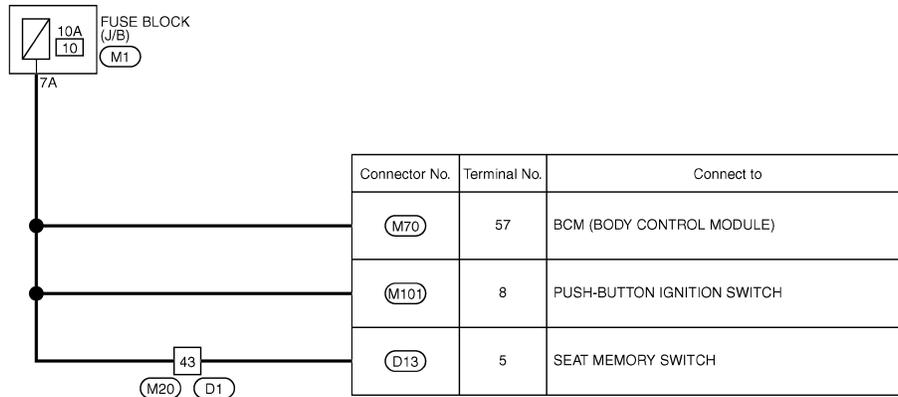
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 - BATTERY POWER SUPPLY FUSE No. 10

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JCMWM8387GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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BATTERY POWER SUPPLY FUSE No. 10

Connector No.	M101
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	Y	-
4	SB	-
5	OD	-
6	LW	-
7	W	-
8	LG	-

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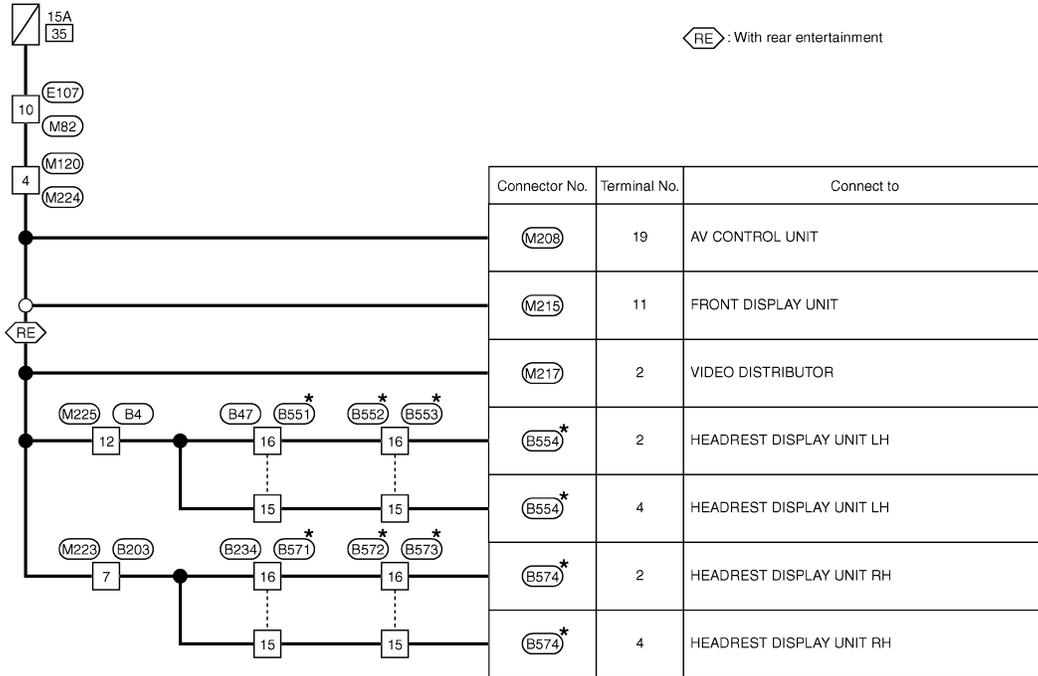
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 35 - BATTERY POWER SUPPLY FUSE No. 35

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*: This connector is not shown in "Harness Layout".

2010/05/13

JCMWM8390GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 35

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	TH2PW-NH



1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

Terminal No.	Color of Wire	Signal Name [Specification]
3	R/Y	-
6	W/R	-
7	R/B	-
8	Y/G	-
9	Y/L	-
10	SHIELD	-
11	P	-
12	Y/R	-
19	GR/R	-
20	W	-
21	R	-
22	SHIELD	-
23	B	-
24	G	-

Connector No.	B47
Connector Name	WIRE TO WIRE
Connector Type	TH2PW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B	-
3	SHIELD	-
5	Y/G	-
7	R/B	-
8	GR/R	-
10	LG	-
11	SB	-

12	B	-
15	Y/R	-
16	Y/R	-
17	R	-
18	G	-
19	P	-
20	SHIELD	-
21	Y/L	-
23	W/R	-
26	LG	-
27	SB	-
31	B	-
32	B	-

Connector No.	B203
Connector Name	WIRE TO WIRE
Connector Type	TH2MW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	P/L	-
2	B/W	-
3	W	-
4	O/B	-
5	SHIELD	-
6	R	-
7	Y/R	-
10	W/B	-
11	O	-
13	V	-
14	Y/L	-
16	L	-
17	G	-
18	B	-
19	R	-
20	L/W	-
21	V/W	-
22	W	-
26	R/W	-
27	W	-
29	LG	-
30	Y/G	-
32	P	-

Connector No.	B234
Connector Name	WIRE TO WIRE
Connector Type	TH2PW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B	-
3	B/W	-
5	R	-
7	O/B	-
8	L/W	-
10	LG	-
11	SB	-
15	Y/R	-
16	Y/R	-
17	R	-
18	G	-
19	P/L	-
20	SHIELD	-
21	W	-
23	V/W	-
26	LG	-
27	SB	-
28	B	-
31	B	-
32	B	-

Connector No.	B351
Connector Name	WIRE TO WIRE
Connector Type	TH2MW-NH



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

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

2	P	-
3	SHIELD	-
5	V	-
7	W/L	-
8	W/R	-
10	W	-
11	G	-
12	L/B	-
15	L/R	-
16	V	-
17	LG	-
18	BR	-
19	R/W	-
20	SHIELD	-
21	R/L	-
23	L/Y	-
26	R	-
27	B	-
31	GR	-
32	L	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 35

Connector No.	B552
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	P	-
3	SHIELD	-
5	Y	-
7	W/L	-
8	W/R	-
10	W	-
11	G	-
12	L/B	-
15	L/R	-
16	V	-
17	LG	-
18	BR	-
19	R/W	-
20	SHIELD	-
21	R/L	-
23	L/Y	-
25	SHIELD	-
26	R	-
27	B	-
31	GR	-
32	L	-

Connector No.	B553
Connector Name	WIRE TO WIRE
Connector Type	TH32FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	V	-
3	GR	-
4	L/R	-
10	L/B	-
11	B	-
12	G	-
13	R	-
14	W	-
15	SHIELD	-
18	W/R	-
19	L/Y	-
20	W/L	-
23	R/L	-

1	SB	-
2	P	-
3	SHIELD	-
5	Y	-
7	W/L	-
8	W/R	-
10	W	-
11	G	-
12	L/B	-
15	L/R	-
16	V	-
17	LG	-
18	BR	-
19	R/W	-
20	SHIELD	-
21	R/L	-
23	L/Y	-
25	SHIELD	-
26	R	-
27	B	-
31	GR	-
32	L	-

Connector No.	B554
Connector Name	HEADREST DISPLAY UNIT LH
Connector Type	TH32FW-NH



2	4	8	10	12	14	18	20	24	28	30	32			
1	3	7	9	11	13	15	17	19	21	23	25	27	29	31

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	GND
2	V	BAT1
3	GR	GND
4	L/R	BAT
10	L/B	LOCATION RECOGNITION SIGNAL FOR HEADREST DISPLAY UNIT LH
11	B	AV COMM (H)
12	G	AV COMM (H)
13	R	AV COMM (L)
14	W	AV COMM (L)
15	SHIELD	SHIELD
18	W/R	ACC SIGNAL
19	L/Y	CONT. GND
20	W/L	IMAGE SWITCH SIGNAL
23	R/L	COMPOSITE IMAGE SIGNAL_GND

24	Y	COMPOSITE IMAGE SIGNAL
25	SHIELD	SHIELD
27	R/W	AV GND
28	SHIELD	SHIELD
29	BR	HEADPHONE SOUND SIGNAL RH (-)
30	P	HEADPHONE SOUND SIGNAL RH (+)
31	LG	HEADPHONE SOUND SIGNAL LH (-)
32	SB	HEADPHONE SOUND SIGNAL LH (+)

Connector No.	B571
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	P	-
3	SHIELD	-
5	Y	-
7	W/L	-
8	W/R	-
10	W	-
11	G	-
15	L/R	-
16	V	-
17	LG	-
18	BR	-
19	R/W	-
20	SHIELD	-
21	R/L	-
23	L/Y	-
25	SHIELD	-
26	R	-
27	B	-
28	B/R	-
31	GR	-
32	L	-

Connector No.	B572
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	P	-
3	SHIELD	-
5	Y	-
7	W/L	-
8	W/R	-
10	W	-
11	G	-
15	L/R	-
16	V	-
17	LG	-
18	BR	-
19	R/W	-
20	SHIELD	-
21	R/L	-
23	L/Y	-
25	SHIELD	-
26	R	-
27	B	-
28	B/R	-
31	GR	-
32	L	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 35

Connector No.	B573
Connector Name	WIRE TO WIRE
Connector Type	TH2PW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	P	-
3	SHIELD	-
5	Y	-
7	W/L	-
8	W/R	-
10	W	-
11	G	-
15	L/R	-
16	Y	-
17	LG	-
18	BR	-
19	R/W	-
20	SHIELD	-
21	R/L	-
23	L/Y	-
25	SHIELD	-
26	R	-
27	B	-
28	B/R	-
31	GR	-
32	L	-

Connector No.	B574
Connector Name	HEADREST DISPLAY UNIT RH
Connector Type	TH2PW-NH

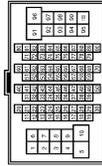


2	4	8	10	12	14	18	20	24	28	30	32			
1	3	7	9	11	13	15	17	19	21	23	25	27	29	31

Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-

1	L	GND
2	V	BAT
3	GR	GND
4	L/R	BAT
9	B/R	LOCATION REGISTRATION SIGNAL (POWER REVERSE) DISPLA UNIT RH
11	B	AV COMM (H)
12	G	AV COMM (H)
13	R	AV COMM (L)
14	W	AV COMM (L)
15	SHIELD	SHIELD
18	W/R	ACC SIGNAL
19	L/Y	CONT. GND
20	W/L	IMAGE SWITCH SIGNAL
23	R/L	COMPOSITE IMAGE SIGNAL
24	Y	COMPOSITE IMAGE SIGNAL
25	SHIELD	SHIELD
27	R/W	AV GND
28	SHIELD	SHIELD
29	BR	HEADPHONE SOUND SIGNAL RH (c)
30	P	HEADPHONE SOUND SIGNAL RH (c)
31	LG	HEADPHONE SOUND SIGNAL LH (c)
32	SB	HEADPHONE SOUND SIGNAL LH (c)

Connector No.	E107
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
4	V/W	-
5	G/R	-
6	P	-
9	GR/L	-
10	Y/R	-
11	L/R	-
12	W/G	-
13	BR/Y	-
14	LG	-
15	BR/W	-
17	W/B	-
18	GR/R	-
20	W/R	-

21	B	-
22	R/L	-
23	C/R	-
24	R/W	-
25	W/L	-
26	R	-
27	L	-
28	G/B	-
37	G/Y	-
38	G/Y	-
39	O	-
40	W	-
41	R	-
42	B	-
43	Y	-
44	G	-
45	SHIELD	-
46	G/O	-
47	G/R	-
48	SHIELD	-
49	W	-
50	SHIELD	-
51	Y/R	-
52	GR	-
53	LG/B	-
54	LG/R	-
55	R/G	-
56	B/R	-
57	SB	-
60	G	-
61	B	-
62	W	-
63	R	-
64	SHIELD	-
65	L/Y	-
66	V	-
67	B/W	-
91	G/R	-
95	SB	-
96	G/R	-
97	GR/L	-
98	G/W	-
99	R/Y	-
100	L	-

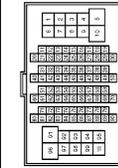
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 35

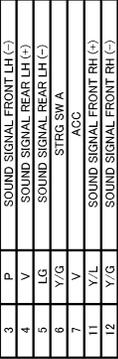
Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	TH80FY-CS16-TM44



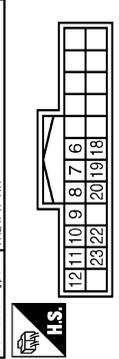
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
4	V/W	
5	G/R	
6	P	
9	GR/L	
10	Y/R	
11	L/R	
12	W/G	
13	BR/Y	
14	LG	
15	BR/W	
17	W/B	
18	GR/R	
20	W/R	
21	B	
22	G/R	
23	R/L	
24	R/W	
25	W/L	
26	R	
27	L	
28	B/SB	
32	G/Y	
38	G/Y	
39	O	
40	W	
41	R	
42	B	
43	Y	
44	G	
45	SHIELD	
46	G/O	
47	G/R	
48	SHIELD	
49	W	
50	SHIELD	
51	Y/R	
52	GR	

BATTERY POWER SUPPLY FUSE No. 35

Terminal No.	Color of Wire	Signal Name [Specification]
1	W/B	BOSE AMP ON SIGNAL
2	L	SOUND SIGNAL FRONT LH (+)
3	P	SOUND SIGNAL FRONT LH (-)
4	V	SOUND SIGNAL REAR LH (+)
5	LG	SOUND SIGNAL REAR LH (-)
6	Y/G	STRG SW A
7	V	ACC
11	Y/L	SOUND SIGNAL FRONT RH (+)
12	Y/G	SOUND SIGNAL FRONT RH (-)
13	O	SOUND SIGNAL REAR RH (+)
14	W	SOUND SIGNAL REAR RH (-)
15	B	STRG SW GND
16	Y/L	STRG SW B
19	Y/R	BATTERY
20	B	GND

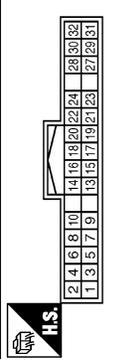


Connector No.	M215
Connector Name	FRONT DISPLAY UNIT
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	W	CAMERA IMAGE SIGNAL
9	Y/L	COMM (DISP->CONT)
10	Y/G	COMM (CONT->DISP)
11	Y/R	BATTERY POWER SUPPLY
12	B	GND
18	R	COMPOSITE IMAGE SIGNAL
19	W	COMPOSITE IMAGE SIGNAL GND
20	W/B	COMPOSITE IMAGE SYNC SIGNAL
22	SHIELD	SHIELD
23	V	ACC POWER SUPPLY

Connector No.	M217
Connector Name	VIDEO DISTRIBUTOR
Connector Type	TH22FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	Y/R	BAT
3	B	GND
4	V	ACC
5	V/W	CONT GND FOR HEADREST DISPLAY UNIT RH
6	L/W	ACC SIGNAL FOR HEADREST DISPLAY UNIT RH
7	W/R	CONT GND FOR HEADREST DISPLAY UNIT LH
8	GR/R	ACC SIGNAL FOR HEADREST DISPLAY UNIT LH
9	O/B	IMAGE SWITCH SIGNAL FOR HEADREST DISPLAY UNIT RH
10	R/B	IMAGE SWITCH SIGNAL FOR HEADREST DISPLAY UNIT LH
14	B	HEADPHONE SOUND SIGNAL RH (+) FOR HEADREST DISPLAY UNIT RH
15	G	HEADPHONE SOUND SIGNAL RH (-) FOR HEADREST DISPLAY UNIT RH
16	W	HEADPHONE SOUND SIGNAL LH (+) FOR HEADREST DISPLAY UNIT RH
17	R	HEADPHONE SOUND SIGNAL LH (-) FOR HEADREST DISPLAY UNIT RH
18	P/L	AV GND FOR HEADREST DISPLAY UNIT RH
19	P	AV GND FOR HEADREST DISPLAY UNIT LH
20	B	HEADPHONE SOUND SIGNAL RH (+) FOR HEADREST DISPLAY UNIT LH
21	G	HEADPHONE SOUND SIGNAL RH (-) FOR HEADREST DISPLAY UNIT LH
22	W	HEADPHONE SOUND SIGNAL LH (+) FOR HEADREST DISPLAY UNIT LH
23	R	HEADPHONE SOUND SIGNAL LH (-) FOR HEADREST DISPLAY UNIT LH
27	W	COMPOSITE IMAGE SIGNAL FOR HEADREST DISPLAY UNIT RH
28	R	COMPOSITE IMAGE SIGNAL FOR HEADREST DISPLAY UNIT LH
29	SHIELD	SHIELD
30	SHIELD	SHIELD
31	Y/L	COMPOSITE IMAGE SIGNAL FOR HEADREST DISPLAY UNIT LH
32	Y/G	COMPOSITE IMAGE SIGNAL FOR HEADREST DISPLAY UNIT LH

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POWER SUPPLY ROUTING CIRCUIT

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BATTERY POWER SUPPLY FUSE No. 35

Connector No.	M223
Connector Name	WIRE TO WIRE
Connector Type	TH2FV-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	P/L	-
2	SHIELD	-
3	W	-
4	O/B	-
5	SHIELD	-
6	R	-
7	Y/R	-
10	W/B	-
11	O	-
13	V	-
14	Y/L	-
16	L	-
17	G	-
18	B	-
19	R	-
20	L/W	-
21	V/W	-
22	W	-
26	R/W	-
27	W	-
28	LG	-
30	Y/G	-
32	P	-

4	3	2	1
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Connector No.	M224
Connector Name	WIRE TO WIRE
Connector Type	MS04FV-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
4	Y/R	-

Connector No.	M225
Connector Name	WIRE TO WIRE
Connector Type	TH24FV-NH



12	11	10	9	8	7	6	5	4	3	2	1
24	23	22	21	20	19	18	17	16	15	14	13

Terminal No.	Color of Wire	Signal Name [Specification]
3	R/Y	-
6	W/R	-
7	R/B	-
8	Y/G	-
9	Y/L	-
10	SHIELD	-
11	P	-
12	Y/R	-
19	GR/R	-
20	W	-
21	R	-
22	SHIELD	-
23	B	-
24	G	-

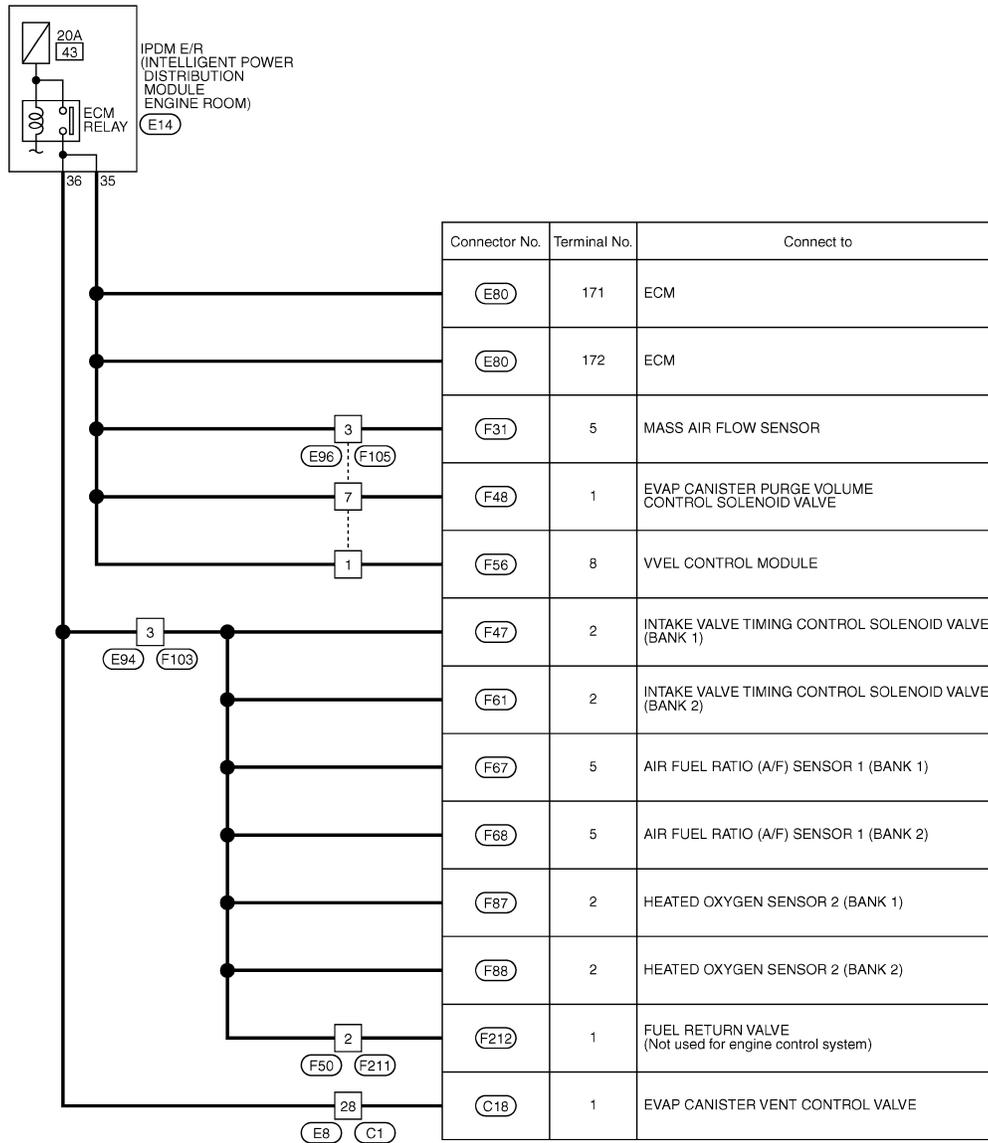
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 43 -

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BATTERY POWER SUPPLY FUSE No. 43



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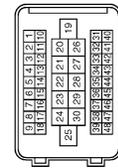
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 43

Connector No.	C1
Connector Name	WIRE TO WIRE
Connector Type	SAA30FE-RS10-SJZZ



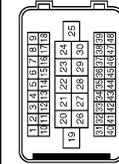
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
3	SB	
4	L/Y	
5	R	
8	V	
9	P	
10	BR/Y	
11	Y/V	
12	V/W	
14	Y/L	
17	BR	
18	R/O	
20	G/W	
22	L/W	
23	B	
24	Y/G	
25	R	
26	SB	
27	R/G	
28	V	
29	B	
40	LG/R	
41	R/G	
42	B/R	

Connector No.	C1B
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	ED0FE-RS



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

Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	SAA30MB-RS10-SJZZ



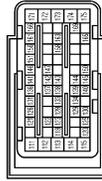
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
3	SB	
4	L/Y	
5	R	
8	V	
9	P	
10	BR/Y	
11	Y/V	
12	V/W	
14	Y/L	
17	BR	
18	R/Y	
20	G/W	
22	L/W	
23	B	
24	Y/G	
26	SB	
27	R/G	
28	V	
29	B	
40	LG/R	
41	R/G	
42	B/R	

Connector No.	E14
Connector Name	SWAY BY INTELLIGENT POWER DISTRIBUTION MODULE ENGINE GROUND
Connector Type	MS12FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
35	W	
36	V	
37	L	
38	Y	
39	L/B	
41	L/G	
42	L	
43	LG	
44	L/W	
45	Y/R	
46	L/W	

Connector No.	E80
Connector Name	ECM
Connector Type	MAG50FE-MEB10-LH



Terminal No.	Color of Wire	Signal Name [Specification]
111	R	FUEL INJECTOR DRIVER POWER SUPPLY
112	SB	FUEL INJECTOR DRIVER POWER SUPPLY
113	G	FUEL RETURN VALVE
114	B	ECM GROUND
115	B	ECM GROUND
120	Y	EVAP CANISTER VENT CONTROL VALVE
122	BR/W	VEHICLE SPEED SENSOR RELAY (ABS/ESP SIGNAL LEVEL CONTROL) MODULE
123	V/R	THROTTLE CONTROL MOTOR RELAY
125	GR	FUEL PUMP CONTROL MODULE (FPOM)
126	O	ACCELERATOR PEDAL POSITION SENSOR 2
128	Y	IGCC STEERING SWITCH

129	P/L	SENSOR GROUND (APP SENSOR 2)
130	R	SENSOR GROUND
131	L/W	SENSOR POWER SUPPLY
133	SB	SENSOR POWER SUPPLY
134	V/W	TF
136	W/R	ACCELERATOR PEDAL POSITION SENSOR 1
137	W/G	SENSOR POWER SUPPLY (APP SENSOR 1)
138	V	BATTERY CURRENT SENSOR
139	G	BATTERY TEMPERATURE SENSOR
140	R/Y	SENSOR GROUND
141	SB	IGNITION SWITCH
142	R/W	FUEL PUMP CONTROL MODULE (FPOM) CHECK
143	L/Y	EVAP CONTROL SYSTEM PRESSURE SENSOR
144	O/B	REFRIGERANT PRESSURE SENSOR
146	L	CAN COMMUNICATION LINE
147	G/Y	IGCC BRAKE SWITCH
150	R	SENSOR GROUND
151	P	CAN COMMUNICATION LINE
156	L	POWER SUPPLY FOR ECM (BACK-UP)
158	W/B	STOP LAMP SWITCH
161	R/W	ECM COMMUNICATION LINE
163	L/G	ECM RELAY (SELF SHUT-OFF)
165	GR/R	-
166	W	ECM COMMUNICATION LINE
169	G/B	ENGINE SPEED SIGNAL OUTPUT
171	W	POWER SUPPLY FOR ECM
172	W	POWER SUPPLY FOR ECM
173	O	THROTTLE CONTROL MOTOR POWER SUPPLY
174	B	ECM GROUND
175	B	ECM GROUND

Connector No.	E14
Connector Name	WIRE TO WIRE
Connector Type	MS12FBR-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/Y	
2	R	
3	V	
4	R	
5	G/R	
6	B/R	

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POWER SUPPLY ROUTING CIRCUIT

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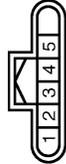
BATTERY POWER SUPPLY FUSE No. 43

Connector No.	E86
Connector Name	WIRE TO WIRE
Connector Type	RS08MGY-FR



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	-
2	L/W	-
3	GR	-
4	B/R	-
5	R	-
6	L	-
7	W	-

Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR
Connector Type	RH06FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	G/O	-
3	BR/W	-
4	LG	-
5	GR	-

Connector No.	F47
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE BANK
Connector Type	EO2FG-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG/B	-
2	V	-

Connector No.	F48
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
Connector Type	HS02FL



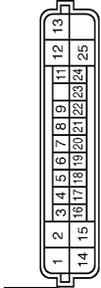
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	V/W	-

Connector No.	F50
Connector Name	WIRE TO WIRE
Connector Type	RS02MB



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

Connector No.	F56
Connector Name	VVEL CONTROL MODULE
Connector Type	RH18FB-AJZ8-RH-S



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	VMOT-B2
2	L/W	MOTOR1-B2
3	W	VEL/S1-B1
4	L/W	AGND1
5	L/R	VEL/S1-B2
6	R	AGND3
7	B	AVCC3
8	W/L	VB
9	L	AVCC1
11	W	CAN-H
12	L/W	MOTOR-B1
13	R	VMOT-B1
14	B	P-GND
15	L/B	MOTOR2-B2
16	L/R	VEL/S2-B1
17	O	AGND2
18	W/L	VEL/S2-B2
19	L	AGND4
20	L/W	AVCC4
21	BR/W	ABORT
22	W	AVCC2
23	BR/Y	M-RLY
24	R/W	CAN-L
25	L/B	MOTOR2-B1

Connector No.	F61
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE BANK
Connector Type	EO2FG-RS



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

Connector No.	F67
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AFZ08FB



Terminal No.	Color of Wire	Signal Name [Specification]
2	L/W	-
3	B	-
4	W	-
5	V	-
6	R	-

Connector No.	F68
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AFZ08FB



Terminal No.	Color of Wire	Signal Name [Specification]
2	SB	-
3	L/R	-
4	L/W	-
5	V	-
6	L	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 43

Connector No.	F87
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AFZ04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	V	-
3	G	-
4	W/R	-

Connector No.	F88
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AFZ04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	V	-
3	L/R	-
4	L/W	-

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	M08FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/Y	-
2	R	-
3	V	-
4	R	-
5	G/R	-
6	B/R	-

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	RS08FGY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	-
2	L/W	-
3	GR	-
4	B/R	-
5	R	-
6	L	-
7	W	-

Connector No.	F211
Connector Name	WIRE TO WIRE
Connector Type	RS02FB



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

Connector No.	F212
Connector Name	WIRE TO WIRE (Not used for engine control)
Connector Type	RS02FGY



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

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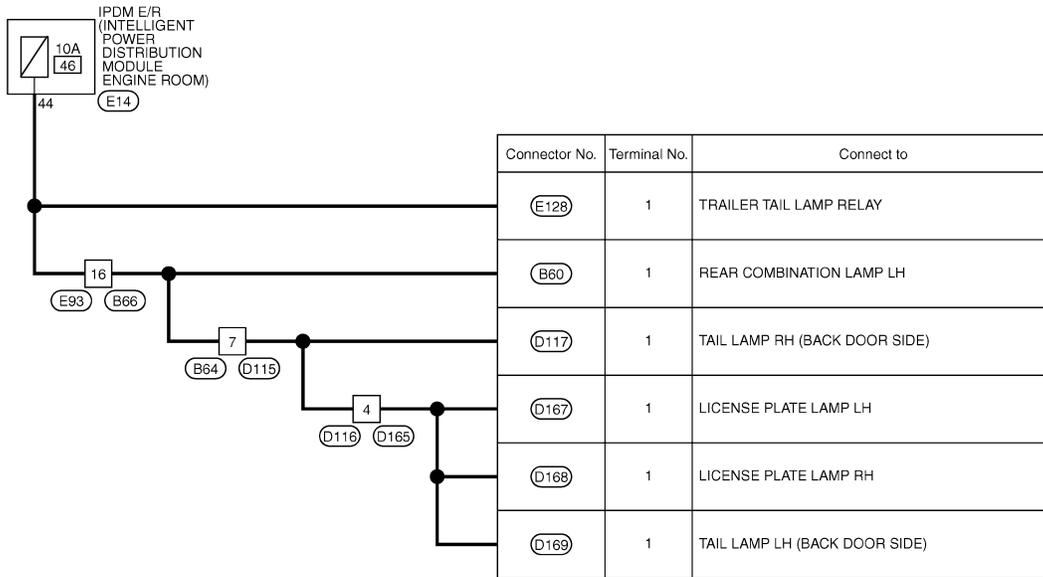
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 46 - BATTERY POWER SUPPLY FUSE No. 46

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

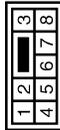
BATTERY POWER SUPPLY FUSE No. 46

Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	NS04FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	R	-
3	G	-
4	B	-

Connector No.	B64
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



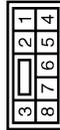
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	R/Y	-
3	G/W	-
4	R	-
5	R	-
7	L/W	-
8	V	-

Connector No.	B66
Connector Name	WIRE TO WIRE
Connector Type	TH16MP-HH



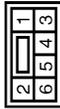
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
3	G	-
4	W	-
5	SHIELD	-
7	GR	-
8	R/W	-
11	R	-
12	V	-
13	P/L	-
15	R/Y	-
16	L/W	-

Connector No.	D115
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	R/Y	-
3	G/W	-
4	R	-
5	R	-
7	L/W	-
8	V	-

Connector No.	D116
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	R	-
3	G/W	-
4	L/W	-
5	R/Y	-
8	L	-

Connector No.	D117
Connector Name	TAIL LAMP RH (BACK DOOR SIDE)
Connector Type	T02FB



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

Connector No.	D185
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	R	-
3	G/W	-
4	L/W	-
5	R/Y	-
6	L	-

Connector No.	D167
Connector Name	LICENSE PLATE LAMP LH
Connector Type	TK02FBR



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

Connector No.	D168
Connector Name	LICENSE PLATE LAMP RH
Connector Type	TK02FBR



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 46

Connector No.	D169
Connector Name	TAIL LAMP LH (BACK DOOR SIDE)
Connector Type	T02PE



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

Connector No.	E14
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE FUSE ROOM
Connector Type	MS12FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
35	W	-
36	V	-
37	L	-
38	Y	-
39	L/B	-
40	L/G	-
41	L	-
42	LG	-
43	L/W	-
44	Y/R	-
45	L/W	-
46	L/W	-

Connector No.	E83
Connector Name	WIRE TO WIRE
Connector Type	T11EFW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
3	G	-
4	W	-
5	SHIELD	-
7	CS	-
8	R/W	-
11	R	-
12	V	-
13	P/L	-
15	R/Y	-
16	L/W	-

Connector No.	E128
Connector Name	TRAILER TAIL LAMP RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	B	-
3	BR	-
5	R/G	-

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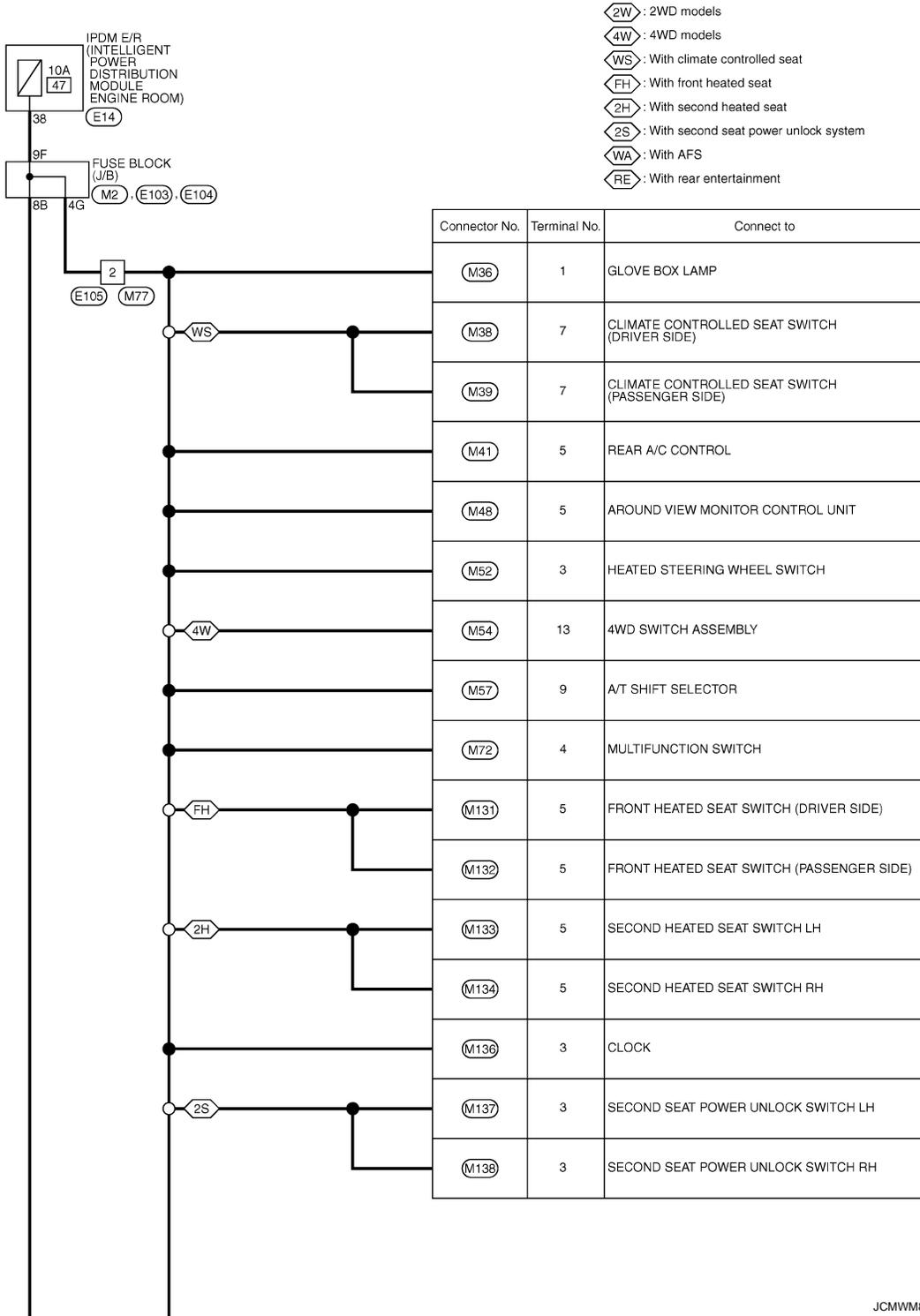
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 47 -

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BATTERY POWER SUPPLY FUSE No. 47

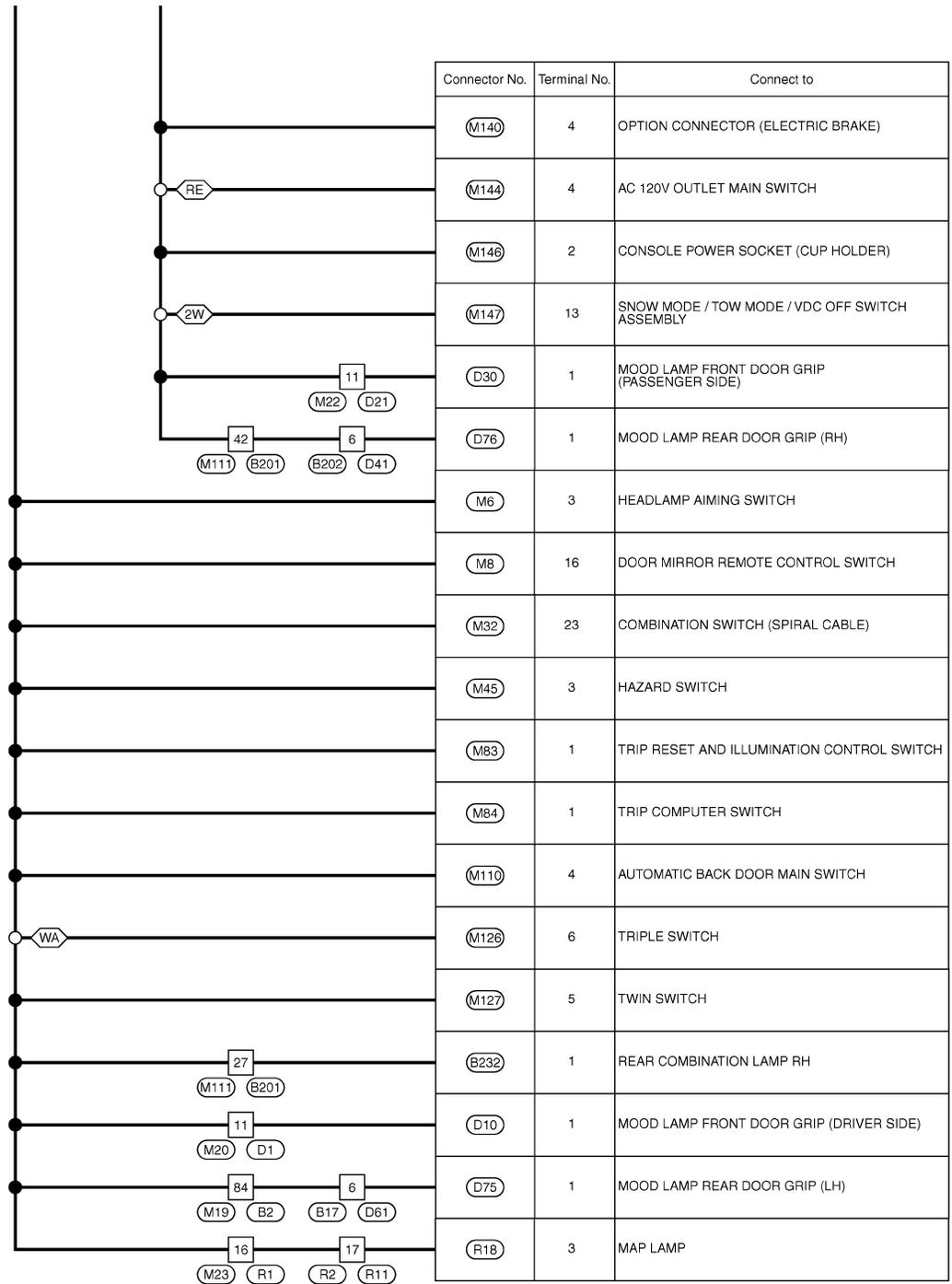


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POWER SUPPLY ROUTING CIRCUIT

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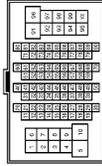
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 47

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
5	R/W	
6	L	
7	V	
9	G	
11	W/B	
12	BR	
13	G/R	
14	B/Y	
15	W/R	
16	GR/R	
18	G/W	
19	V	
20	W/G	
21	B/W	
22	V	
23	SHIELD	
24	G	
25	O	
26	Y	
27	L/O	
28	Y/R	
29	L	
30	R	
31	G/Y	
32	B/SB	
33	LG/R	
34	BR/W	
35	GR/R	
36	SB	
37	LG	
38	L	
39	P	
40	W/G	
42	G/R	
43	V/W	
44	LG/B	

45	R/Y	
46	B	
49	GR	
50	R/B	
51	W/R	
52	BR/Y	
53	O/B	
54	G/O	
55	R/B	
56	LG/R	
57	GR/R	
58	Y/G	
59	V/W	
60	R	
63	Y	
64	R	
65	W	
66	G	
67	B	
68	SHIELD	
69	LG/B	
70	P/L	
71	L	
72	R	
77	Y/B	
78	Y/L	
79	Y	
80	W/R	
81	Y/L	
83	BR	
84	L/O	
86	O	
87	W/R	
88	O	
89	W/L	
90	GR/L	
91	W	
92	G	
94	W/R	
96	P/W	
97	R	
98	V	
99	L/W	
100	P/B	

Connector No.	B17
Connector Name	WIRE TO WIRE
Connector Type	MS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/R	
3	G	
5	R	
6	L/O	
7	O	
8	B	
9	L	
10	R/Y	
15	V	
16	W	

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W	
5	W/B	
6	L/Y	
7	R	
8	G/R	
9	GR/R	
11	W	
12	V	
13	Y	
16	L/O	

17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	
21	R	
22	GR	
27	L/W	
29	W	
30	R/L	
31	Y/L	
32	W/R	
33	W/G	
34	L/R	
39	P/B	
40	W/R	
41	R	
42	L	
43	B/W	
51	L/B	
52	LG/R	
53	SB	
54	V/W	
59	L	
60	GR	
61	P/L	
62	B/SB	
63	R/Y	
64	BR	
70	O	
71	G/R	
72	SHIELD	
73	G/O	
74	G/Y	
77	SB	
78	LG	
79	P/B	
80	W/B	
83	Y	
94	L	
95	L/R	
96	R	
97	W	
98	V	
99	L/W	
100	W	

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 47

Connector No.	B202
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



7	6	5	4	3	2	1		
16	15	14	13	12	11	10	9	8

Terminal No.	Color of Wire	Signal Name [Specification]
1	W/R	-
3	R	-
5	G	-
6	L	-
7	R	-
8	B	-
9	V	-
10	L	-
13	V	-
16	W	-

Connector No.	B232
Connector Name	REAR COMBINATION LAMP RH
Connector Type	NS04FW-CS



1	2	3	4
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Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	R	-
3	G/Y	-
4	B	-

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
23	22	21	20	19	18	17	16	15	14	13	12	11	10	9

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	W	-
3	V	-
4	Y	-
5	LG/R	-
6	BR/W	-
8	V	-
9	G	-
10	L	-
11	L/O	-
13	Y	-
14	R	-
15	B	-
16	B	-
19	R	-
20	P	-
22	V	-
23	P/B	-
25	BR/W	-
26	W/R	-
28	W/G	-
33	V/W	-
36	W/B	-
37	BR/Y	-
38	SB	-
39	W/L	-
40	L/W	-
41	Y/G	-
42	P/L	-
43	LG	-
44	SHIELD	-
45	G	-
46	W	-
47	O	-
48	G/W	-
49	Y	-
50	L/Y	-
51	GR/R	-

52	LG/B	-
53	Y	-
54	B	-
55	R	-

Connector No.	D10
Connector Name	MOOD LAMP FRONT DOOR GRP (DRIVER SIDE)
Connector Type	TK02FGY



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Terminal No.	Color of Wire	Signal Name [Specification]
1	L/O	-
2	B	-

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
44	43	42	41	40	39	38	37	36	35	34	33	32	31	30
39	38	37	36	35	34	33	32	31	30	29	28	27	26	25

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	W	-
3	V	-
5	P/L	-
6	L/R	-
8	L/W	-
9	G/Y	-
10	L	-
11	L/O	-
13	L	-
14	R	-
15	B	-
18	B/W	-
19	R	-

20	P	-
22	Y/R	-
23	LG/B	-
25	LG/W	-
26	W/R	-
36	G/O	-
37	Y/B	-
38	V	-
39	W/L	-
40	L/O	-
44	SHIELD	-
45	Y	-
46	W	-
47	LG	-
48	L/R	-
49	Y	-
50	R/B	-
52	LG	-
53	G	-
54	B	-
55	R	-

Connector No.	D30
Connector Name	MOOD LAMP FRONT DOOR GRP (PASSENGER SIDE)
Connector Type	TK02FGY



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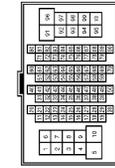
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/O	-
2	B	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 47

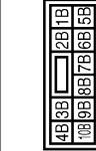
Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS16-TMM



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	L/W	-
3	R/B	-
4	L	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	L	-
11	L	-
12	P	-
13	P/B	-
14	BR	-
15	L/B	-
16	SB	-
17	P	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	Y/V	-
22	L	-
23	Y	-
24	L/W	-
26	L	-
27	L/W	-
28	O	-
29	R/W	-
30	L/B	-
31	Y	-
32	GR/R	-
34	Y	-
35	R	-
36	B/R	-
37	G/Y	-
38	G	-
40	SB	-
41	W/R	-
42	R	-

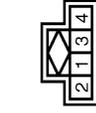
43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	R	-
63	G	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	G/R	-
97	R	-
98	G/B	-
100	W/R	-

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FY-CS



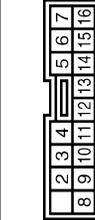
Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
3B	R	-
4B	B	-
5B	BR	-
6B	T	-
7B	G	-
8B	L/O	-
10B	W/B	-

Connector No.	M6
Connector Name	HEADLAMP AIMING SWITCH
Connector Type	A04FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-
3	L/O	-
4	B	-

Connector No.	M8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FBR



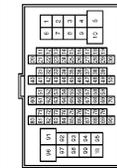
Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	-
3	GR/B	-
4	V/W	-
5	GR/R	-
6	Y/G	-
8	O	-
9	LG	-
10	W/B	-
11	G/O	-
12	V	-
13	B	-
14	O/L	-
15	B	-
16	L/O	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 47

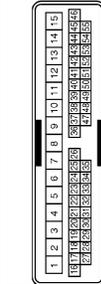
Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80PV-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
5	R/W	
6	L	
7	V	
9	G	
11	W/B	
12	BR	
13	G/R	
14	B/Y	
15	W/R	
16	GR/R	
18	G/W	
19	V	
20	W/G	
21	B/W	
22	V	
23	SHIELD	
24	G	
25	O	
26	Y	
27	L/O	
28	Y/R	
29	L	
30	R	- [With ICC]
31	G/Y	- [Without ICC]
32	B/SB	
33	LG/R	
34	BR/W	
35	GR/R	
36	SB	
37	LG	
38	L	
39	P	
40	W/G	
42	G/R	
43	V/W	

44	LG/B	
45	R/Y	
46	B	
48	GR	
50	R/B	
51	W/R	
52	BR/Y	
53	O/B	
54	G/O	
55	R/B	
56	LG/R	
57	GR/R	
58	Y/G	
59	V/W	
60	R	
63	Y	
64	R	
65	W	
66	G	
67	B	
68	SHIELD	
69	LG/B	
70	P/L	
71	L	
72	R	
77	Y/B	
78	Y/L	
79	Y	
80	W/R	
81	Y/L	
83	BR/W	
84	L/O	
86	O	
87	W/R	
88	O	
89	W/L	
90	GR/L	
91	W	
92	G	
94	W/R	
96	L/W	
97	R	
98	V	
99	L/W	
100	P/B	

Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	W	
3	V	
4	Y	
5	LG/R	
8	BR/W	
8	V	
9	G	
10	L	
11	L/O	
13	Y	
14	R	
15	B	
18	B	
19	R	
20	P	
22	V	
23	P/B	
25	BR/W	
26	W/R	
28	W/G	
32	V/W	
33	W/B	
37	BR/Y	
38	SB	
39	W/L	
40	L/W	
41	Y/G	
42	P/L	
43	LG	
44	SHIELD	
45	G	
46	W	
47	O	
48	G/W	
49	Y	
50	L/Y	
51	GR/R	

52	LG/B	
53	Y	
54	B	
55	R	

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JCMWM8409GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 47

Connector No.	M22
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55					



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	W	
3	V	
5	P/L	
6	L/R	
8	L/W	
9	G/Y	
10	L	
11	L/W	
13	L	
14	R	
15	B	
16	B/W	
18	B/W	
19	R	
20	P	
22	Y/R	
23	LG/B	
25	W/R	
26	W/R	
36	G/O	
37	Y/B	
38	V	
39	V	
40	W/L	
44	L/O	
44	SHIELD	
45	Y	
46	W	
47	LG	
48	L/R	
49	Y	
50	R/B	
52	LG	
53	G	
54	B	
55	R	

Connector No.	M23
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
4	Y	
7	B	
8	Y/L	
10	B	
11	R	
12	Y	
13	SHIELD	
14	Y	
15	W/R	
16	L/O	
17	Y	
20	W	
22	SB	
23	Y/R	
24	SHIELD	
25	Y/G	
26	L/O	
27	W/G	
28	Y	
29	L	
30	B/SB	
31	SB	
32	GR/L	

Connector No.	M32
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-1V

21	22	23
28	29	30



Terminal No.	Color of Wire	Signal Name [Specification]
23	L/O	
28	Y/G	
28	Y/G	
30	Y/R	

Connector No.	M36
Connector Name	GLOVE BOX LAMP
Connector Type	A02FW



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

Connector No.	M38
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (SERVER SIDE)
Connector Type	TK10FW



1	2	3		
4	5	6	7	8

Terminal No.	Color of Wire	Signal Name [Specification]
1	LG/R	
2	G/Y	
3	B/SB	
4	BR/W	
5	GR/R	
6	B	
7	L/W	
8	B/O	

Connector No.	M39
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



1	2	3		
4	5	6	7	8

Terminal No.	Color of Wire	Signal Name [Specification]
1	B/SB	
2	GR	
3	P/L	
4	R/Y	
5	BR	
6	B	
7	L/W	
8	B/O	

Connector No.	M41
Connector Name	REAR A/C CONTROL
Connector Type	TH12FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
5	L/W	GND
6	B/O	ILL+
9	W	RR CONT RX
10	O/L	RR CONT TX
12	GR/L	IGN

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 47

Connector No.	M45
Connector Name	HAZARD SWITCH
Connector Type	THQ4FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	W	-
3	L/O	-
4	B	-

Connector No.	M48
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	THQ4FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	Y/G	BATTERY
3	GR/L	IGNITION SIGNAL
4	V	ACC
5	L/W	ILLUMINATION SIGNAL
6	BR/W	VEHICLE SPEED SIGNAL (8-PULSE)
7	P	REVERSE SIGNAL
9	B/O	CONTROL SIGNAL
13	B/O	CONTROL SIGNAL
17	SB	AV COMM (H)
18	LG	AV COMM (L)
23	LG	AUXILIARY INFRARED LED (+)
27	W	CAMERA IMAGE SIGNAL
28	SHIELD	SHIELD
29	Y	SIDE CAMERA RH IMAGE SIGNAL
30	G	SIDE CAMERA RH IMAGE GND
31	SHIELD	SHIELD
32	B	SIDE CAMERA RH GND

33	W	SIDE CAMERA RH COMM
34	R	SIDE CAMERA RH POWER SUPPLY
35	Y	REAR CAMERA COMM
36	R	REAR CAMERA POWER SUPPLY
37	SHIELD	SHIELD
38	W	REAR CAMERA GND
39	G	REAR CAMERA IMAGE SIGNAL
40	B	REAR CAMERA IMAGE GND

Connector No.	M52
Connector Name	HEATED STEERING WHEEL SWITCH
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	B/O	-
3	L/W	-
4	B	-
5	BR	-
6	B	-

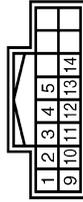
Connector No.	M54
Connector Name	4WD SWITCH ASSEMBLY
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	VDC OFF SW
9	W/R	AUTO SW
10	R	4H SW
11	V	4L SW
12	GR	BAT
13	L/W	LIGHT SW

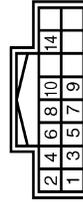
14	B/O	ILL CONT
20	B	GND
22	W	SNOW SW
23	R	TOW

Connector No.	M57
Connector Name	A/T SHIFT SELECTOR
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/W	-
2	L/W	-
3	Y/B	-
4	B/SB	-
5	R/Y	-
9	L/W	-
10	B	-
11	L/R	-
12	B	-
13	R/B	-
14	G/Y	-

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
3	V	ACC
4	L/W	ILL
5	B/O	ILL CONT
6	SB	AV COMM (H)

8	LG	AV COMM (L)
9	R/W	SW GND
14	W/B	DISK EJECT SIGNAL

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 47

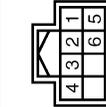
Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-CS16-TM44



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L/W	-
3	R/B	-
4	L	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	L	-
11	L	-
12	P	- [With ICC]
13	P/B	- [Without ICC]
14	BR	-
15	O/L	-
16	SB	-
17	P	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	V	-
22	L	-
23	Y	-
24	L/W	-
26	L	-
27	L/W	-
28	O	-
29	R/W	-
30	O/L	-
31	Y	-
32	GR/R	-
34	Y	-
35	R	-
36	B/O	-
37	G/Y	-
38	G	-
40	SB	-
41	W/R	-

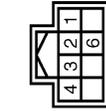
42	R	-
43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	G	-
63	R	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	L/R	-
97	R	-
98	O/L	-
100	W/B	-

Connector No.	M83
Connector Name	TRIP RESET AND ILLUMINATION CONTROL SWITCH
Connector Type	TH08FW-NH



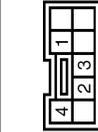
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/O	ILLUMINATION +
2	B/O	ILLUMINATION GROUND
3	W/R	ILLUMINATION CONTROL +
4	R	ILLUMINATION CONTROL -
5	P/L	TRIP RESET SWITCH
6	B	GROUND

Connector No.	M84
Connector Name	TRIP COMPUTER SWITCH
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/O	ILLUMINATION +
2	B	ILLUMINATION GROUND
3	G	ENTER SWITCH
4	O	SELECT SWITCH
6	B	GROUND

Connector No.	M110
Connector Name	AUTOMATIC BACK DOOR MAIN SWITCH
Connector Type	TK08FW



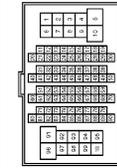
Terminal No.	Color of Wire	Signal Name [Specification]
1	O	-
2	B	-
3	B	-
4	L/O	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 47

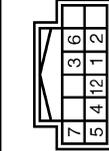
Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W/R	
5	W/B	
6	L/Y	
7	R	
8	GR	
9	GR/R	
11	W	
12	V	
13	Y	
16	L/O	
17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	
21	R	
22	GR	
27	L/O	
28	SB	
30	R/L	
31	Y/L	
32	W/R	
33	W/G	
34	L/R	
38	P/B	
40	W/R	
41	R	
42	L/W	
43	B/W	
51	O/L	
52	L/R	
53	SB	
54	V/W	
56	L	
60	GR	
61	P/L	
62	B/SSB	

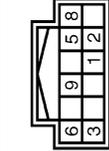
63	R/Y	
64	BR	
70	O	
71	G/R	
72	SHIELD	
73	G/O	
74	G/Y	
77	SB	
78	LG	
79	R/B	
90	W/B	
93	Y	
94	L	
95	L/R	
96	R	
97	W	
98	V	
99	L/W	
100	W	

Connector No.	M126
Connector Name	TRIPLE SWITCH
Connector Type	TH1ZF1-NH



Terminal No.	Color of Wire	Signal Name [Specification]
3	GR	
4	GR/R	
6	L/O	
7	B/O	

Connector No.	M127
Connector Name	TWIN SWITCH
Connector Type	TH1ZFG1-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/B	
2	V/W	
3	B	
5	L/O	
6	B/O	
8	W/G	
9	L/G/B	

Connector No.	M131
Connector Name	FRONT HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
2	V	
3	L	
4	BR	
5	L/W	
6	B/O	

Connector No.	M132
Connector Name	FRONT HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS08FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/R	
2	L/Y	
3	R/B	
4	B	
5	L/W	
6	B/O	

Connector No.	M133
Connector Name	SECOND HEATED SEAT SWITCH LH
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/R	
2	V	
3	L/W	
4	B	
5	L/W	
6	B/O	

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

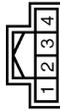
BATTERY POWER SUPPLY FUSE No. 47

Connector No.	M134
Connector Name	SECOND HEATED SEAT SWITCH RH
Connector Type	NS08FB-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/R	-
2	W	-
3	L/R	-
4	B	-
5	L/W	-
6	B/O	-

Connector No.	M136
Connector Name	CLOCK
Connector Type	TH04FV-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BAT
2	B	GND
3	L/W	ILLUMINATION (+)
4	B/O	ILLUMINATION (-)

Connector No.	M137
Connector Name	SECOND SEAT POWER UNLOCK SWITCH LH
Connector Type	TK04FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	P/B	-
3	L/W	-
4	B	-

Connector No.	M138
Connector Name	SECOND SEAT POWER UNLOCK SWITCH RH
Connector Type	TK04FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	P/B	-
3	L/W	-
4	B	-

Connector No.	M140
Connector Name	OPTION CONNECTOR (ELECTRIC BRAKE)
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	L/W	-
4	L/W	-
5	R	-

Connector No.	M144
Connector Name	AC 120V OUTLET MAIN SWITCH
Connector Type	TK08FW-1V



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	B	-
3	W	-
4	L/W	-
5	O	-
6	B	-

Connector No.	M146
Connector Name	CONSOLE POWER SOCKET (CUP HOLDER)
Connector Type	NS03PW-CS



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

Connector No.	M147
Connector Name	SNOW MODE / TOW MODE / VDC OFF SWITCH ASSEMBLY
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	VDC OFF SW
12	GR	BAT
13	L/W	LIGHT SW
14	B/O	ILL COAT
20	B	GND
22	W	SNOW SW
23	R	TOW

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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BATTERY POWER SUPPLY FUSE No. 47

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH2FV-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
4	Y	
7	B	
8	Y/L	
10	B	
11	R	
12	Y	
13	SHIELD	
14	B/Y	
15	W/R	
16	L/O	
17	Y	
20	W	
22	SB	
23	Y	
24	SHIELD	
25	Y/G	
26	L	
27	W/G	
28	Y	
29	L	
30	B/SB	
31	BR	
32	B/R	



12	11	10	9	8	7	6	5	4	3	2	1
24	23	22	21	20	19	18	17	16	15	14	13

Terminal No.	Color of Wire	Signal Name [Specification]
1	P	
2	GR	
8	SHIELD	
9	Y/L	
10	Y/G	
11	B/SB	
12	W/R	
17	L/O	
23	BR	
24	B/Y	

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH2MM-NH



1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	
2	GR	
8	SHIELD	
9	L	
10	R	
11	B	
12	V	
17	P	
23	BR	
24	O	



3	4	5	6	7	8
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Terminal No.	Color of Wire	Signal Name [Specification]
3	P	LED+
4	B	LED-
5	Y	DOOR SIG BYPASS
6	B	GND
7	BR	DOOR SIG
8	V	BAT

Connector No.	R18
Connector Name	MAP LAMP
Connector Type	TK08FGY

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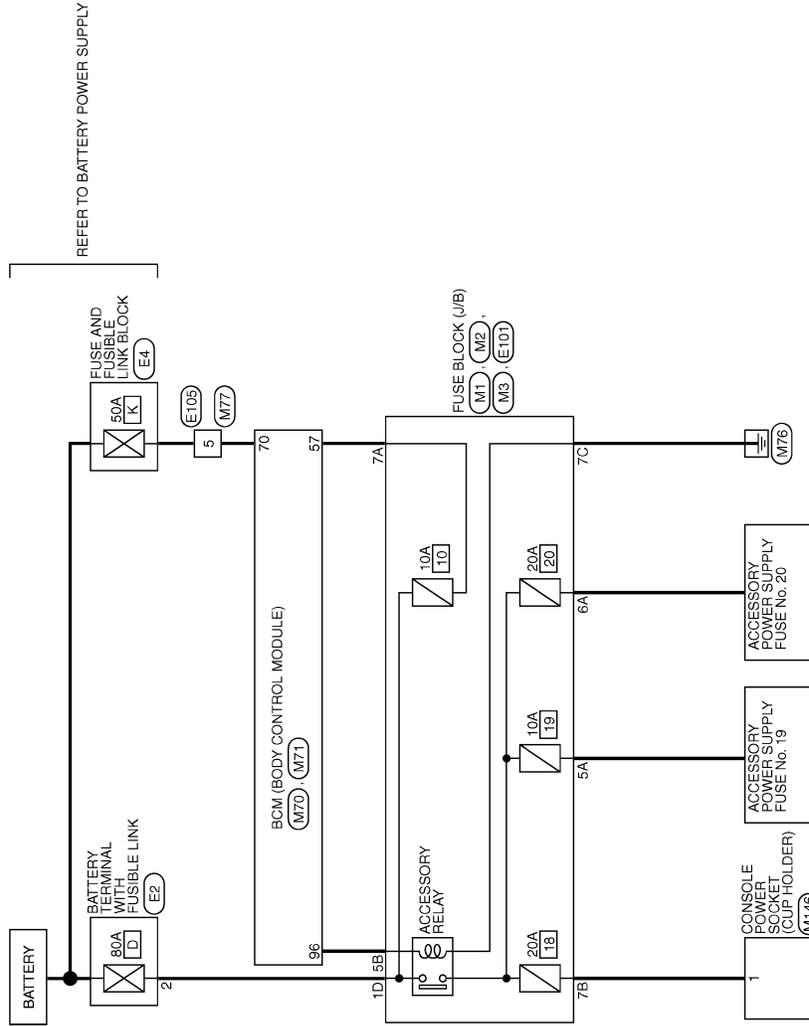
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY -

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ACCESSORY POWER SUPPLY



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LOGFER-MC-B



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LO1FW-MC



Terminal No.	Color of Wire	Signal Name [Specification]
10	R	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM4)



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

4	L	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	L	-
11	L	-
12	P	-
13	P/B	-
14	BR	-
15	L/B	-
16	SB	-
17	P	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	Y/V	-
22	L	-
23	Y	-
24	L/W	-
26	L	-
27	L/W	-
28	O	-
29	R/W	-
30	L/B	-
31	Y	-
32	GR/R	-
34	Y	-
35	R	-
36	B/R	-
37	G/Y	-
38	G	-
40	SB	-
41	W/R	-
42	R	-
43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	R	-
63	G	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	G/R	-
97	R	-
98	G/B	-
100	W/R	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	Y	-
2A	GR	-
3A	W	-
4A	Y/G	-
5A	V	-
6A	L/W	-
7A	LG	-
8A	W	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
2B	R	-
3B	R	-
4B	B	-
5B	BR	-
6B	Y	-
7B	G	-
8B	L/O	-
10B	W/B	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	-
7C	B	-
8C	W	-
10C	GR	-
11C	R/L	-
12C	GR/L	-

Connector No.	M70
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHA6-SA



Terminal No.	Color of Wire	Signal Name [Specification]
56	W/R	INT ROOM LAMP PWR SPLY
57	LG	BAT FUSEL
59	G	PASSENGER DOOR UNLK OUTPUT
60	G	TURN SIGNAL LH OUTPUT
61	G/Y	TURN SIGNAL RH OUTPUT
62	R	STEP LAMP CONT
63	BR	ROOM LAMP TIMER CONT
64	GR/R	CRANKING REQUEST
65	R	ALL DOOR LOCK OUTPUT
66	V	DR DOOR FUEL LID UNLK OUTPUT
67	B	GND
68	Y	PW PWR SPLY (IGN)
69	W	PW PWR SPLY (BAT)
70	Y	BAT (F/L)

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

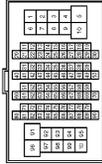
ACCESSORY POWER SUPPLY

Connector No.	M71
Connector Name	BCM BODY CONTROL MODULE
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
72	P	PUDDLE LAMP CONT
73	W	ON IND
74	Y/B	TRAILER TURN SIG RH CONT
75	LG/R	DRIVER DOOR REQUEST SW
76	P/L	PASSENGER DOOR REQUEST SW
77	O/L	TRAILER TURN SIG LH CONT
78	P/B	DRIVER DOOR ANT+
79	Y	DRIVER DOOR ANT-
80	LG/B	PASSENGER DOOR ANT+
81	Y/R	PASSENGER DOOR ANT-
82	W/G	BACK DOOR ANT+
83	B/W	BACK DOOR ANT-
84	BR	ROOM ANT1+
85	Y	ROOM ANT1-
86	W	ROOM ANT2+
87	B	ROOM ANT2-
88	V	LAGGAGE ROOM ANT+
89	G	LAGGAGE ROOM ANT-
90	Y	PUSH-BTN IGN SW ILL PWR
91	O	LOCK IND
92	L	LOW SIDE PUSH LED
93	GR/R	H-KEY WARN BUZZER
94	Y/G	S/L UNIT COMAN
95	W	S/L UNIT PWR SPLY
96	BR	ACC RELAY CONT
97	R/W	STARTER RELAY CONT
98	O	IGN RELAY (F/B) CONT
99	R	IGN RELAY (E/R) CONT
100	SB	PUSH SW
101	W/B	IGN PWR SPLY 2
102	BR	SHIFT N/P
104	R/B	A/T SHIFT SELECT PWR SPLY
105	O/L	STOP LAMP SW 2
106	Y/G	BLWR FAN MTR RELAY CONT
107	L	S/L CONDITION1
108	P	S/L CONDITION2
109	L/W	ACC IND

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	
12	R	- [With ICC]
13	P/B	- [Without ICC]
14	BR	
15	O/L	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	V	
22	L	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
29	R/W	
30	O/L	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/O	
37	G/Y	
38	G	
40	SB	
41	W/R	

42	R	-
43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	G	-
63	R	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	L/R	-
97	R	-
98	O/L	-
100	W/B	-

Connector No.	M146
Connector Name	CONSOLE POWER SOCKET (CUP HOLDER)
Connector Type	NS03FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	L/W	
3	B	

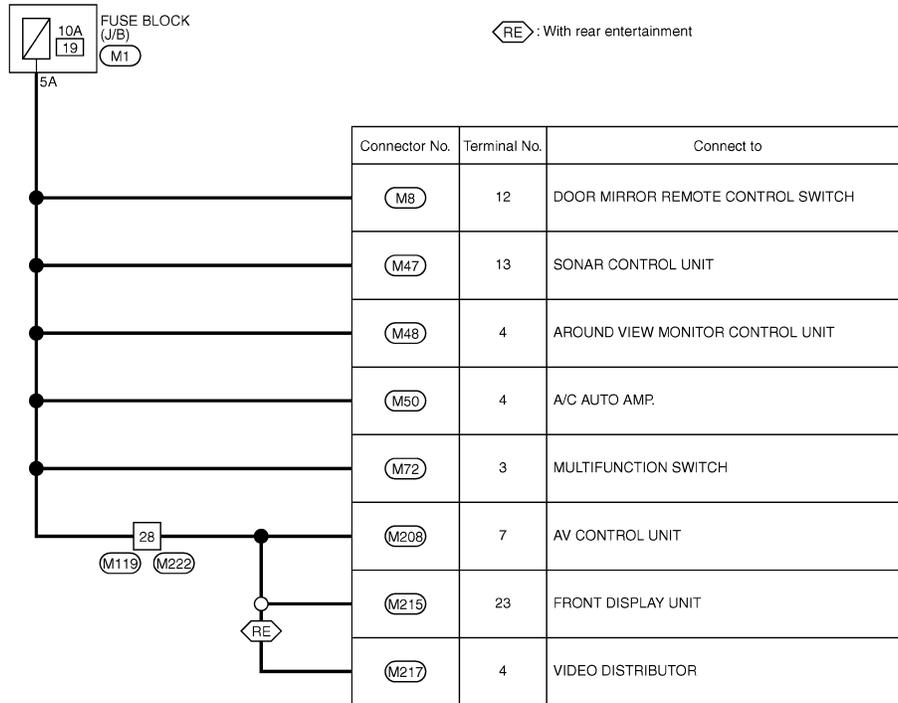
JCMWM8418GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 - ACCESSORY POWER SUPPLY FUSE No. 19

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	HS06FW-MZ



Terminal No.	Color of Wire	Signal Name [Specification]
1A	Y	-
2A	GR	-
3A	W	-
4A	Y/G	-
5A	L/W	-
6A	LG	-
7A	W	-
8A	W	-

Connector No.	M8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FBR



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	-
3	GR/B	-
4	V/W	-
5	GR/R	-
6	Y/G	-
8	O	-
9	LG	-
10	W/B	-
11	G/O	-
12	V	-
13	B	-
14	O/L	-
15	B	-
16	L/O	-

Connector No.	M47
Connector Name	SONAR CONTROL UNIT
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
3	G/R	CORNER SENSOR FRONT LH
4	G/Y	CORNER SENSOR FRONT RH
5	G/R	CORNER SENSOR REAR LH
6	G/Y	CORNER SENSOR REAR RH
12	G/O	SENSOR GND
13	V	ACC
18	SB	K LINE
19	SB	AV COMM (H)
20	LG	AV COMM (L)
24	B	GND

Connector No.	M48
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	Y/G	BATTERY
3	GR/L	IGNITION SIGNAL
4	V	ACC
5	L/W	ILLUMINATION SIGNAL
6	BR/W	VEHICLE SPEED SIGNAL (8-PULSE)
7	P	REVERSE SIGNAL
9	B/O	CONTROL SIGNAL
13	B/O	CONTROL SIGNAL
17	SB	AV COMM (H)
18	LG	AV COMM (L)
23	LG	AUXILIARY INFRARED LED (+)

Terminal No.	Color of Wire	Signal Name [Specification]
27	W	CAMERA IMAGE SIGNAL
28	SHIELD	SHIELD
29	Y	SIDE CAMERA RH IMAGE SIGNAL
30	G	SIDE CAMERA LH IMAGE GND
31	SHIELD	SHIELD
32	B	SIDE CAMERA RH GND
33	W	SIDE CAMERA RH COMM
34	R	SIDE CAMERA RH POWER SUPPLY
35	Y	REAR CAMERA COMM
36	R	REAR CAMERA POWER SUPPLY
37	SHIELD	SHIELD
38	W	REAR CAMERA GND
39	G	REAR CAMERA IMAGE SIGNAL
40	B	REAR CAMERA IMAGE GND

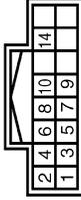
Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	B	GROUND
3	Y/G	BATTERY POWER SUPPLY
4	V	ACC POWER SUPPLY
5	W	IONIZER CONTROL SIGNAL
6	V/W	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
7	W/R	AMBIENT SENSOR SIGNAL
8	GR/L	RR IN-VEHICLE SENSOR SIGNAL
9	BR	SUNLOAD SENSOR (DRY) SIGNAL
10	V/W	EXH GAS / OUTSIDE DOOR DETECTING SENSOR SIGNAL
11	W	COMM (A/C AUTO AMP->RR A/C CONT)
14	O/L	FR BLOWER MOTOR CONTROL SIGNAL
18	R/G	EACH DOOR MOTOR LIN SIGNAL
17	L/Y	EACH DOOR MOTOR POWER SUPPLY
21	P	CAN-L
22	B	GROUND
23	GR/L	IGNITION POWER SUPPLY
25	R	-
26	B	SENSOR GROUND
27	GR	FR IN-VEHICLE SENSOR SIGNAL
28	R	INTAKE SENSOR SIGNAL
29	O	SUNLOAD SENSOR (PASS) SIGNAL

31	O/L	COMM (RR A/C CONT->A/C AUTO AMP)
34	L/O	RR BLOWER MOTOR CONTROL SIGNAL
37	B	GROUND
38	G/W	RR A/C RELAY CONTROL SIGNAL

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH10FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
3	V	ACC
4	L/W	ILL.
5	B/O	ILL CONT
6	SB	AV COMM (H)
8	LG	AV COMM (L)
9	R/W	SW GND
14	W/B	DISK EJECT SIGNAL

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M119
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH

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

Connector No.	M208
Connector Name	AV CONTROL UNIT
Connector Type	TH18PT-C32

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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18	R	COMPOSITE IMAGE SIGNAL
19	W	COMPOSITE IMAGE SIGNAL GND
20	W/B	COMPOSITE IMAGE SYNC SIGNAL
21	SHIELD	SHIELD
22	V	ACC POWER SUPPLY

Connector No.	M217
Connector Name	VIDEO DISTRIBUTOR
Connector Type	TH32FW-NH

2	4	6	8	10	14	16	18	20	22	24	28	30	32
1	3	5	7	9	13	15	17	19	21	23	27	29	31

Connector No.	M222
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH

25	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	SB	-
3	L	-
4	W/B	-
5	SHIELD	-
6	LG	-
7	V	-
8	W	-
9	O	-
10	SHIELD	-
11	W/L	-
17	W	-
18	G/R	-
21	LG	-
22	LG	-
23	P	-
24	R/W	-
25	L/O	-
26	GR/L	-
27	W	-
28	V	-
29	BR/W	-
30	V/G	-
31	Y/L	-
32	B	-
37	SHIELD	-
38	GR/R	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	W/B	BOSE AMP ON SIGNAL
2	L	SOUND SIGNAL FRONT LH (+)
3	P	SOUND SIGNAL FRONT LH (-)
4	V	SOUND SIGNAL REAR LH (+)
5	LG	SOUND SIGNAL REAR LH (-)
6	V/G	STRG SW A
7	V	ACC
11	Y/L	SOUND SIGNAL FRONT RH (+)
12	Y/G	SOUND SIGNAL FRONT RH (-)
13	O	SOUND SIGNAL REAR RH (+)
14	W	SOUND SIGNAL REAR RH (-)
15	B	STRG SW B
16	Y/L	BATTERY
19	Y/R	BATTERY
20	B	GND

Connector No.	M215
Connector Name	FRONT DISPLAY UNIT
Connector Type	TH24FW-NH

12	11	10	9	8	7	6	5	4	3	2	1
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Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	W	CAMERA IMAGE SIGNAL
9	Y/L	COMM (DISP->CONT)
10	Y/G	COMM (CONT->DISP)
11	Y/R	BATTERY POWER SUPPLY
12	B	GND

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	SB	-
3	L	-
4	W/B	-
5	SHIELD	-
6	LG	-
7	V	-
8	W	-
9	O	-
10	SHIELD	-
11	W/L	-
17	W	-
18	G/R	-
21	LG	-
22	LG	-
23	P	-
24	R/W	-
25	L/O	-
26	GR/L	-
27	W	-
28	V	-
29	BR/W	-
30	V/G	-
31	Y/L	-
32	B	-
37	SHIELD	-
38	GR/R	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	Y/R	BAT
3	B	GND
4	V	ACC
5	V/W	CONT. GND FOR HEADREST DISPLAY UNIT RH
6	L/W	ACC SIGNAL FOR HEADREST DISPLAY UNIT RH
7	W/R	CONT. GND FOR HEADREST DISPLAY UNIT LH
8	GR/R	ACC SIGNAL FOR HEADREST DISPLAY UNIT LH
9	O/B	IMAGE SWITCH SIGNAL FOR HEADREST DISPLAY UNIT RH
10	R/B	IMAGE SWITCH SIGNAL FOR HEADREST DISPLAY UNIT LH
14	B	HEADPHONE SOUND SIGNAL RH FOR HEADREST DISPLAY UNIT RH
15	G	HEADPHONE SOUND SIGNAL LH FOR HEADREST DISPLAY UNIT RH
16	W	HEADPHONE SOUND SIGNAL RH FOR HEADREST DISPLAY UNIT LH
17	R	HEADPHONE SOUND SIGNAL LH FOR HEADREST DISPLAY UNIT LH
18	P/L	AV GND FOR HEADREST DISPLAY UNIT RH
18	P	AV GND FOR HEADREST DISPLAY UNIT LH
20	B	HEADPHONE SOUND SIGNAL RH FOR HEADREST DISPLAY UNIT LH
21	G	HEADPHONE SOUND SIGNAL LH FOR HEADREST DISPLAY UNIT LH
22	W	HEADPHONE SOUND SIGNAL LH FOR HEADREST DISPLAY UNIT LH
23	R	HEADPHONE SOUND SIGNAL LH FOR HEADREST DISPLAY UNIT LH
27	R	COMPOSITE IMAGE SIGNAL GND FOR HEADREST DISPLAY UNIT RH
28	R	COMPOSITE IMAGE SIGNAL FOR HEADREST DISPLAY UNIT RH
29	SHIELD	SHIELD
30	SHIELD	SHIELD
31	Y/L	COMPOSITE IMAGE SIGNAL GND FOR HEADREST DISPLAY UNIT LH
32	Y/G	COMPOSITE IMAGE SIGNAL FOR HEADREST DISPLAY UNIT LH

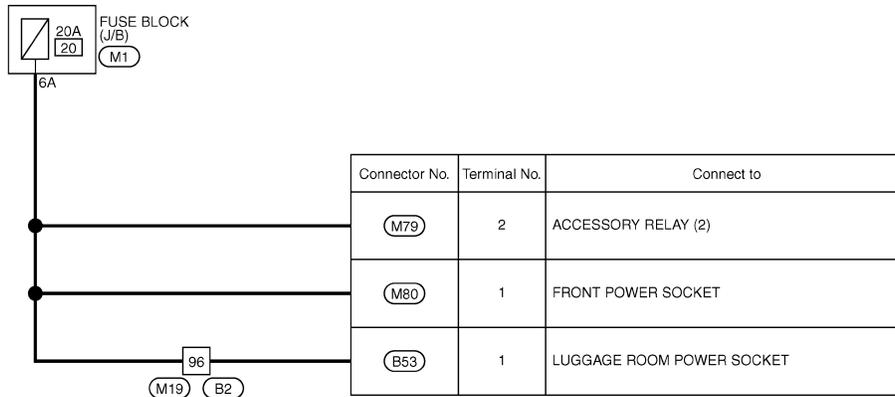
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 20 - ACCESSORY POWER SUPPLY FUSE No. 20

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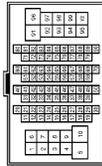
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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ACCESSORY POWER SUPPLY FUSE No. 20

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (E-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
5	R/W	
6	L	
7	V	
9	G	
11	W/B	
12	BR	
13	G/R	
14	B/Y	
15	W/R	
16	GR/R	
18	G/W	
19	V	
20	W/G	
21	B/W	
22	V	
23	SHIELD	
24	G	
25	O	
26	Y	
27	L/O	
28	Y/R	
29	L	
30	R	
31	G/Y	
32	B/SB	
33	LG/R	
34	BR/W	
35	GR/R	
36	SB	
37	LG	
38	L	
39	P	
40	W/G	
42	G/R	
43	V/W	
44	LG/B	

Terminal No.	Color of Wire	Signal Name [Specification]
45	R/Y	
46	B	
48	GB	
50	R/B	
51	W/R	
52	BR/Y	
53	O/B	
54	G/O	
55	R/B	
56	LG/R	
57	GR/R	
58	Y/G	
59	V/W	
60	R	
63	Y	
64	R	
65	W	
66	G	
67	B	
68	SHIELD	
69	LG/B	
70	P/L	
71	L	
72	R	
77	Y/B	
78	Y/L	
79	Y	
80	W/R	
81	Y/L	
83	BR	
84	L/O	
86	O	
87	W/R	
88	O	
89	W/L	
90	GR/L	
91	W	
92	G	
94	W/R	
96	E/W	
97	R	
98	V	
99	L/W	
100	P/B	

Connector No.	B53
Connector Name	LUGGAGE ROOM POWER SOCKET
Connector Type	P02FB-Z



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

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS06FW-M2



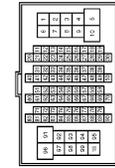
Terminal No.	Color of Wire	Signal Name [Specification]
1A	Y	
2A	GR	
3A	W	
4A	Y/G	
5A	V	
6A	L/W	
7A	LG	
8A	W	

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY FUSE No. 20

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	BR	-
5	R/W	-
6	L	-
7	V	-
9	G	-
11	W/B	-
12	BR	-
13	G/R	-
14	B/Y	-
15	W/R	-
16	GR/R	-
18	G/W	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
23	SHIELD	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	- [With ICC]
31	P	- [Without ICC]
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
42	G/R	-
43	V/W	-

Connector No.	M79
Connector Name	ACCESSORY RELAY (2)
Connector Type	MS22FL-M2-LC



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

Connector No.	M80
Connector Name	FRONT POWER SOCKET
Connector Type	P02FB-Z



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

44	LG/B	-
45	R/Y	-
46	B	-
48	GB	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	Y	-
64	R	-
65	W	-
66	G	-
67	B	-
68	SHIELD	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
83	BR/W	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	E/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

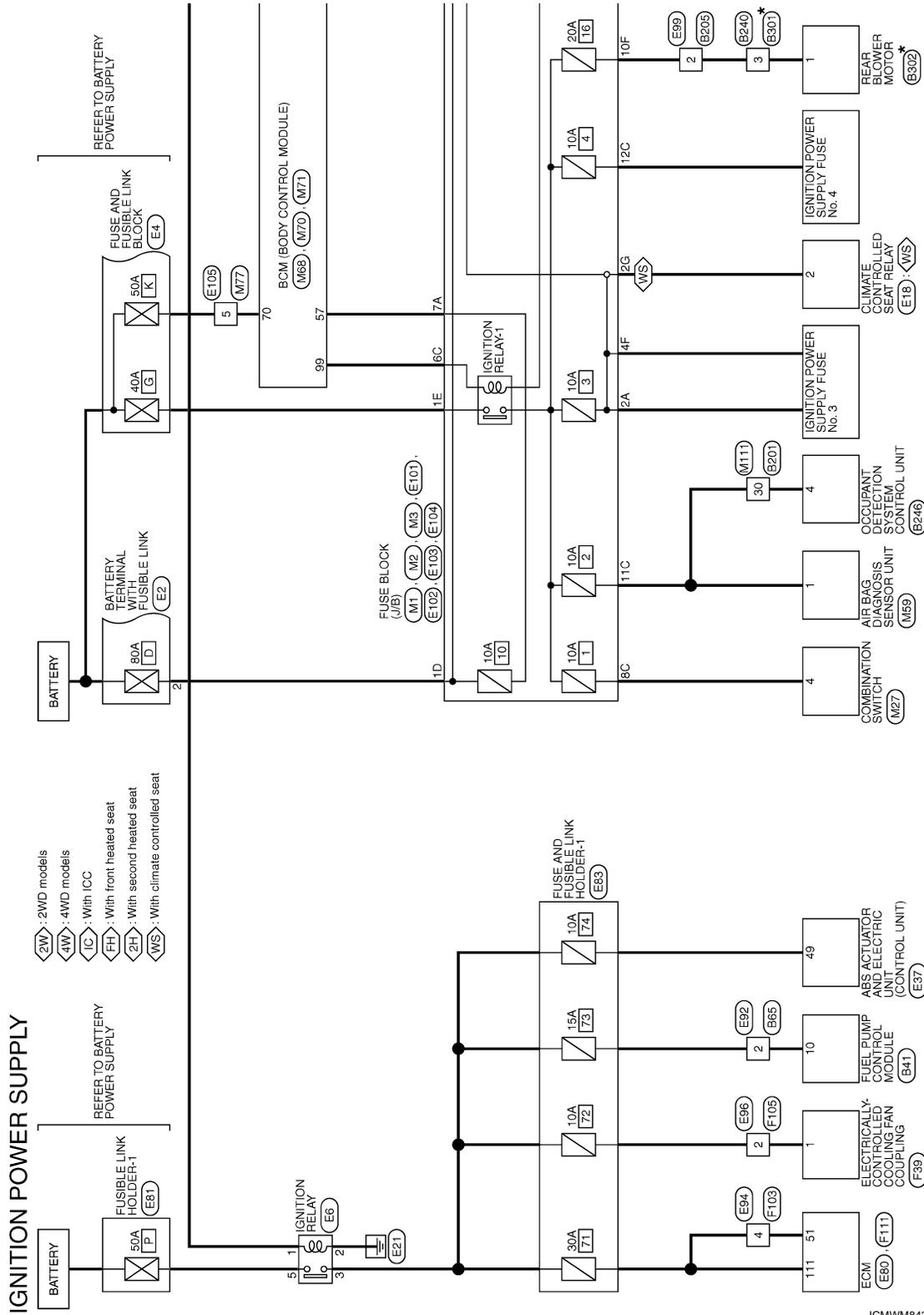
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY -

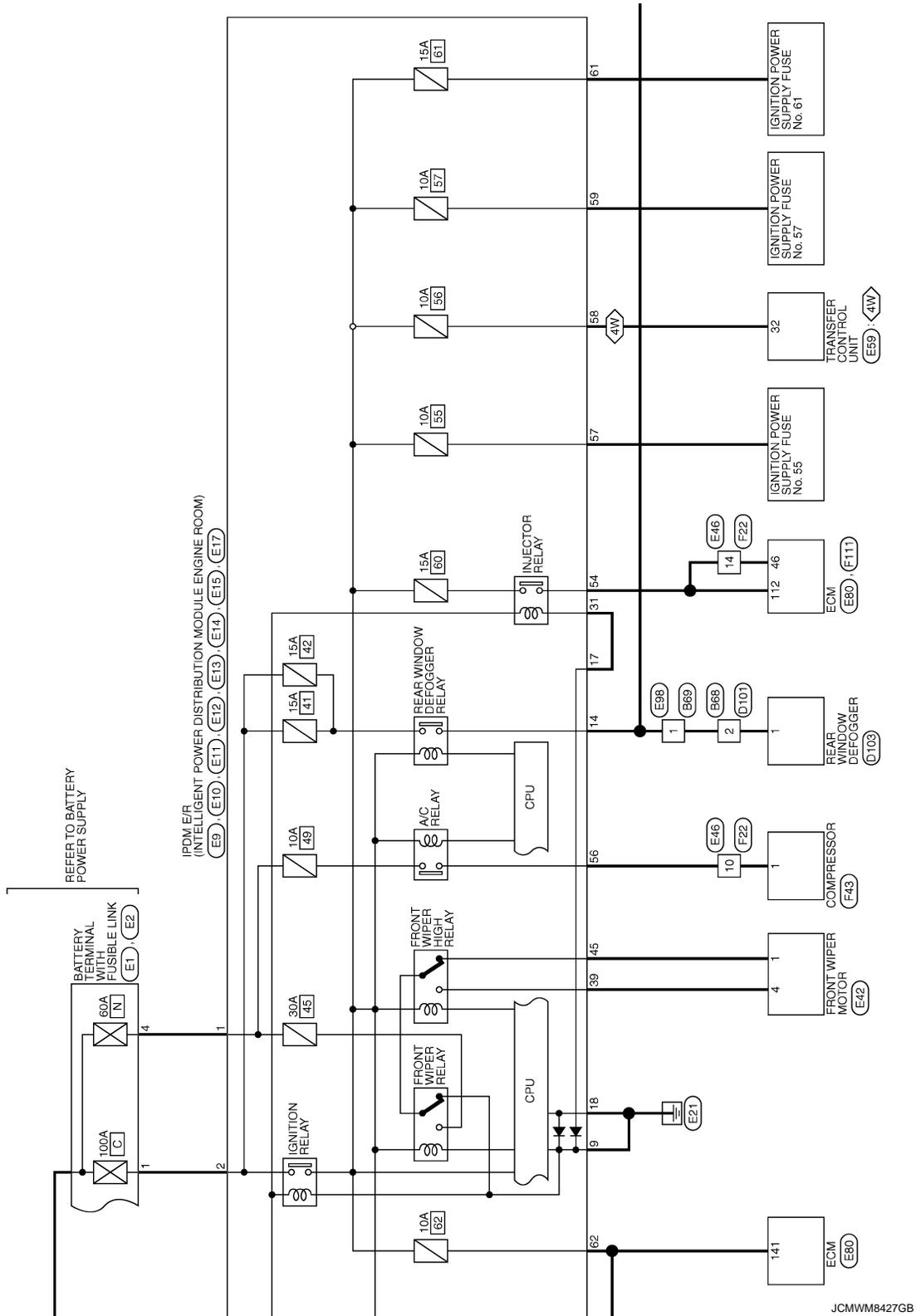
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POWER SUPPLY ROUTING CIRCUIT

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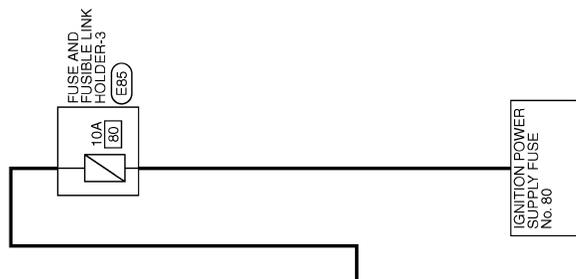


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

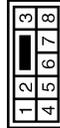
IGNITION POWER SUPPLY

Connector No.	B84
Connector Name	FUEL PUMP CONTROL MODULE
Connector Type	TM10FB



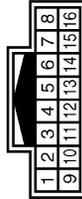
Terminal No.	Color of Wire	Signal Name [Specification]
5	B	GND
6	G/R	FUEL PUMP (-)
7	G/Y	FUEL PUMP (+)
8	GR	FPC INPUT SIGNAL
9	R/W	DIAG OUTPUT SIGNAL
10	LG	BATTERY

Connector No.	B85
Connector Name	WIRE TO WIRE
Connector Type	MS08MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	-
3	G	-
5	W	-
8	R	-

Connector No.	B66
Connector Name	WIRE TO WIRE
Connector Type	TH16MP-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
3	G	-
4	W	-
5	SHIELD	-
7	GR	-
8	R/W	-
11	R	-
12	V	-
13	P/L	-
15	R/Y	-
16	L/W	-

Connector No.	B68
Connector Name	WIRE TO WIRE
Connector Type	M02MW-LC



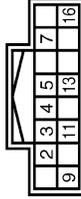
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	R	-

Connector No.	B89
Connector Name	WIRE TO WIRE
Connector Type	M01MBR-PS-LC



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

Connector No.	B84
Connector Name	AIR LEVELER CONTROL MODULE
Connector Type	TH16FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	B	GND
3	V	AIR COMPRESSOR RELAY
4	L/W	VEHICLE HEIGHT SENSOR GND
5	W	VEHICLE HEIGHT SENSOR SIGNAL
7	B	CANFL
9	P/L	GND
11	V/W	EXHAUST SOLENOID
13	R	VEHICLE HEIGHT SENSOR POWER SUPPLY
16	L	CANH

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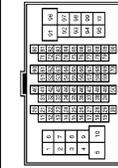
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

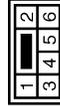
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS1E-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W	-
5	W/B	-
6	L/Y	-
7	R	-
8	G/R	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	G/Y	-
21	R	-
22	GR	-
27	L/W	-
29	W	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
39	P/B	-
40	W/R	-
41	R	-
42	L	-
43	B/W	-
51	L/B	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-

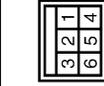
Terminal No.	Color of Wire	Signal Name [Specification]
63	R/Y	-
64	BR	-
70	O	-
71	G/R	-
72	SHIELD	-
73	G/O	-
74	G/Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	B205
Connector Name	WIRE TO WIRE
Connector Type	INS06MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L	-
4	R	-
6	L	-

Connector No.	B240
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
3	G	-
5	L/O	-

Connector No.	B246
Connector Name	OCCUPANT DETECTION SYSTEM CONTROL UNIT
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B	-
3	L/R	-
4	R/L	-

Connector No.	B301
Connector Name	WIRE TO WIRE
Connector Type	M06MW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
3	-	-

Connector No.	B502
Connector Name	REAR BLOWER MOTOR
Connector Type	NS03FW-M3



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-
3	-	-

Connector No.	D101
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



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

JCMWM8430GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	D103
Connector Name	REAR WINDOW DEFOGGER
Connector Type	PO1FE-A



1

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

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FY-MC



4	3
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Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
4	W	-

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FER-MC-B



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

Connector No.	E6
Connector Name	IGNITION RELAY
Connector Type	24347 3F500



3	2
1	4
5	1

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

Connector No.	E9
Connector Name	SPOLE R/ INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LO2FB-MC



1	2
---	---

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

Connector No.	E10
Connector Name	SPOLE R/ INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	MO2FE-LC



5	4	3
8	7	6

Terminal No.	Color of Wire	Signal Name [Specification]

3	R	-
4	L	-
5	P/L	-
7	W/G	-
8	W	-



Connector No.	E11
Connector Name	SPOLE R/ INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	MO2FE-LC



11	10	9
14	13	12

Terminal No.	Color of Wire	Signal Name [Specification]
9	B	-
14	L	-

Connector No.	E12
Connector Name	SPOLE R/ INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS02FER-CS



17	16	15
22	21	20
19	18	

Terminal No.	Color of Wire	Signal Name [Specification]
17	B	-
18	B	-
19	V	-
20	W	-
21	L	-

Connector No.	E13
Connector Name	SPOLE R/ INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH12FW-NH



28	27	26	25	24	23
34	33	32	31	30	29

Terminal No.	Color of Wire	Signal Name [Specification]
23	GR/R	-
24	W/G	-
25	L/Y	-
26	P	-
27	L	-
30	R/W	-
31	B	-
32	LG	-
33	R	-
34	P/B	-

Connector No.	E14
Connector Name	SPOLE R/ INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS12FER-CS



39	38	37	36	35
46	45	44	43	42
41	40			

Terminal No.	Color of Wire	Signal Name [Specification]
35	W	-
36	V	-
37	L	-
38	Y	-
39	L/B	-
41	L/G	-
42	L	-
43	LG	-
44	L/W	-
45	Y/R	-
46	L/W	-

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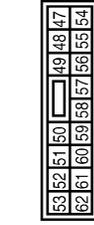
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

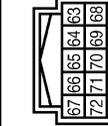
IGNITION POWER SUPPLY

Connector No.	E15
Connector Name	SMILE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	HS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	R	-
50	LG/B	-
51	BR/Y	-
52	W	-
54	SB	-
55	O	-
56	L	-
57	V	-
58	BR/R	-
59	W/B	-
60	V/R	-
61	W	-
62	SB	-

Connector No.	E17
Connector Name	SMILE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH10FB-NH



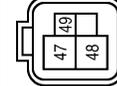
Terminal No.	Color of Wire	Signal Name [Specification]
63	P	-
64	G/Y	-
65	L	-
66	SB	-
68	O	-
69	W/B	-
72	Y/R	-

Connector No.	E18
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	MO6FB-R-LC



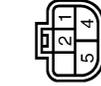
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	GR	-
3	L	-
5	LG	-
6	G	-
7	O	-

Connector No.	E37
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	SAZ02FB-SJZZ



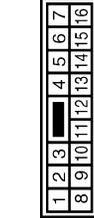
Terminal No.	Color of Wire	Signal Name [Specification]
47	W	MOTOR SUPPLY
48	B	MOTOR GND
49	O	IGN

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



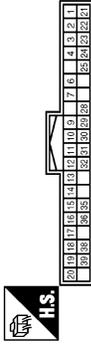
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/R	-
2	B	-
4	L/B	-
5	L/Y	-

Connector No.	E46
Connector Name	WIRE TO WIRE
Connector Type	INS16MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/Y	-
2	SHIELD	-
4	V	-
9	B/SS	-
10	L	-
11	W	-
14	SB	-
15	G	-

Connector No.	E49
Connector Name	TRANSFER CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	BR	HI-LO POSITION SEN 1
7	Y	TRANSFER FLUID TEMP SEN SUPPLY
9	G	INTERNAL SPEED SEN GND
10	Y/G	INTERNAL SPEED SEN IMP
11	V	4LO SW
12	L	GAIN-H
13	P	GAIN-L
14	W/R	AUTO SW
15	P/B	ROTARY POSITION SEN PWM
16	LG	ROTARY POSITION SEN GND
17	W/L	LOCK POSITION SEN SUPPLY
18	BR/Y	ROTARY POSITION SEN SUPPLY
20	GR	TRANSFER C/U SUPPLY
25	P/L	HI-LO POSITION SEN 3
28	W	MOTOR TEMP SEN SUPPLY
29	LG/R	HI-LO POSITION SEN 2
30	R/B	LOCK POSITION SEN GND
31	L/O	INT SPEED SEN DIR
32	BR/R	IGN
35	R	LOCK SW
36	L/R	TRANSFER FLUID TEMP SEN GND
38	G/O	LOCK POSITION SEN SIGNAL
39	R/W	INTERNAL SPEED SEN SUPPLY

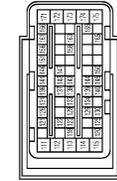
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E80
Connector Name	ECM
Connector Type	IMABSFB-MEB10-LH



Terminal No.	Color of Wire	Signal Name [Specification]
111	R	FUEL INJECTOR DRIVER POWER SUPPLY
112	SB	FUEL INJECTOR DRIVER POWER SUPPLY
113	G	FUEL RETURN VALVE
114	B	ECM GROUND
115	B	ECM GROUND
120	V	EVAP CANISTER VENT CONTROL VALVE
122	BR/W	THROTTLE CONTROL MOTOR RELAY
123	V/R	FUEL PUMP CONTROL MODULE (FPOM)
125	GR	ACCELERATOR PEDAL POSITION SENSOR 2
126	O	ACCCELERATOR PEDAL POSITION SENSOR 2
128	Y	ICG STEERING SWITCH
129	P/L	SENSOR GROUND (APP SENSOR 2)
130	R	SENSOR GROUND
131	L/W	SENSOR POWER SUPPLY
133	SB	SENSOR POWER SUPPLY
134	V/W	TF
136	W/R	ACCELERATOR PEDAL POSITION SENSOR 1
137	W/G	SENSOR POWER SUPPLY (APP SENSOR 1)
138	V	BATTERY CURRENT SENSOR
139	G	BATTERY TEMPERATURE SENSOR
140	R/Y	SENSOR GROUND
141	SB	IGNITION SWITCH
142	R/W	FUEL PUMP CONTROL MODULE (FPOM) CHECK
143	L/Y	EVAP CONTROL SYSTEM PRESSURE SENSOR
144	O/B	REFRIGERANT PRESSURE SENSOR
146	L	CAN COMMUNICATION LINE
147	G/Y	ICG BRAKE SWITCH
150	R	SENSOR GROUND
151	P	CAN COMMUNICATION LINE
156	L	POWER SUPPLY FOR ECM (BACK-UP)
158	W/B	STOP LAMP SWITCH
161	R/W	ECM COMMUNICATION LINE
163	L/G	ECM RELAY (SELF SHUT-OFF)
165	GR/R	-
166	W	ECM COMMUNICATION LINE
169	G/B	ENGINE SPEED SIGNAL OUTPUT
171	W	POWER SUPPLY FOR ECM
172	W	POWER SUPPLY FOR ECM

173	O	THROTTLE CONTROL MOTOR POWER SUPPLY
174	B	ECM GROUND
175	B	ECM GROUND

Connector No.	E82
Connector Name	WIRE TO WIRE
Connector Type	INS08PW-CS



3	2	1
8	7	6
5	4	

Terminal No.	Color of Wire	Signal Name [Specification]
2	LC	-
3	G	-
5	W	-
8	R	-

Connector No.	E83
Connector Name	WIRE TO WIRE
Connector Type	TH18FW-NH



8	7	6	5	4	3	2	1
16	15	14	13	12	11	10	9

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
3	G	-
4	W	-
5	SHIELD	-
7	GR	-
8	R/W	-
11	R	-
12	V	-
13	P/L	-
15	R/Y	-
16	L/W	-

Connector No.	E84
Connector Name	WIRE TO WIRE
Connector Type	IM08MH-LC



1	2	3
4	5	6

Terminal No.	Color of Wire	Signal Name [Specification]
1	G/Y	-
2	V	-
3	R	-
4	R	-
5	G/R	-
8	B/R	-

Connector No.	E86
Connector Name	WIRE TO WIRE
Connector Type	RS08MGY-PR



1	2	3	4
5	6	7	8

Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	-
2	L/W	-
3	GR	-
4	B/R	-
5	R	-
6	L	-
7	W	-

Connector No.	E88
Connector Name	WIRE TO WIRE
Connector Type	IM01FBR-S-LC



1

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

Connector No.	E89
Connector Name	WIRE TO WIRE
Connector Type	NS08PW-CS



2	1
6	5
4	3

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L	-
4	R	-
6	L/W	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01FW-MC



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

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	M02FB-LC



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

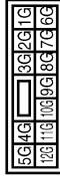
Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	W/B	-
2F	R	-
4F	GR	-
6F	Y/G	-

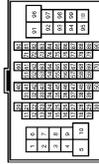
8F	L/B	-
9F	Y	-
10F	G	-
14F	SB	-
15F	Y	-
	L	-

Connector No.	E104
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS1ZFBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2G	GR	-
4G	L/W	-
10G	G/R	-
11G	G/R	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS18-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	L/W	-
3	R/B	-
4	L	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	L	-
11	L	-
12	P	-

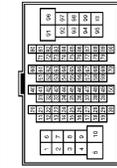
13	P/B	-
14	BR	-
15	L/B	-
16	SB	-
17	B	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	Y/V	-
22	L	-
23	Y	-
24	L/W	-
26	L	-
27	L/W	-
28	O	-
29	R/W	-
30	L/B	-
31	Y	-
32	GR/R	-
34	Y	-
35	B	-
36	B/R	-
37	G/Y	-
38	G	-
40	SB	-
41	W/R	-
42	R	-
43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	R	-
63	G	-
64	SHIELD	-
81	BR	-
92	L/W	-
94	Y/B	-
95	G/R	-
97	R	-
98	G/B	-
100	W/R	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E107
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS-E-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
4	V/W	
5	G/R	
6	P	
8	GR/L	
10	Y/R	
11	L/R	
12	W/G	
13	BR/Y	
14	LG	
15	BR/W	
17	W/B	
18	GR/R	
20	W/R	
21	B	
22	R/L	
23	G/R	
24	R/W	
25	W/L	
26	R	
27	L	
28	G/B	
37	G/Y	
38	G/Y	
39	O	
40	W	
41	R	
42	B	
43	Y	
44	G	
45	SHIELD	
46	G/O	
47	G/R	
48	SHIELD	
49	W	
50	SHIELD	
51	Y/R	
52	GR	

Terminal No.	Color of Wire	Signal Name [Specification]
53	LG/B	
54	LG/R	
55	B/G	
56	B/R	
57	SB	
60	G	
61	B	
62	W	
63	R	
64	SHIELD	
65	L/Y	
66	V	
67	B/W	
91	G/R	
95	SB	
96	G/R	
97	GR/L	
98	G/W	
99	R/Y	
100	L	

Connector No.	F22
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Connector No.	F39
Connector Name	ELECTRICALLY-CONTROLLED COOLING FAN COUPLING
Connector Type	AAC03FB-WP



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	
2	P	
3	Y/R	
4	L/O	
5	V	
8	B/R	

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS01FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/Y	
2	R	
3	V	
4	R	
5	G/R	
6	B/R	

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	RS09FY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	
2	L/W	
3	GR	
4	B/R	
5	R	
6	L	
7	W	

Terminal No.	1
Color of Wire	L/W
Signal Name [Specification]	MAGNET CLUTCH POWER SUPPLY

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	M06FW-LC



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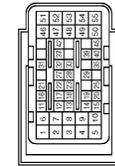
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	F111
Connector Name	ECM
Connector Type	MSB20F-NEE20-LH



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	FUEL INJECTOR NO. 8 (HI)
2	R	FUEL INJECTOR NO. 5 (HI)
3	G	FUEL INJECTOR NO. 3 (LO)
4	G	FUEL INJECTOR NO. 2 (LO)
5	B/R	ECM GROUND
6	R	FUEL INJECTOR NO. 3 (HI)
7	R	FUEL INJECTOR NO. 2 (HI)
8	G	FUEL INJECTOR NO. 8 (LO)
9	G	FUEL INJECTOR NO. 5 (LO)
10	B	ECM GROUND
11	BR	TRANSMISSION RANGE SWITCH
12	Y	IGNITION SIGNAL NO. 1
13	L/W	IGNITION SIGNAL NO. 2
14	BR/Y	IGNITION SIGNAL NO. 3
15	LG/R	IGNITION SIGNAL NO. 4
17	P/L	IGNITION SIGNAL NO. 5
18	Y/R	IGNITION SIGNAL NO. 6
19	G/Y	IGNITION SIGNAL NO. 7
20	O	IGNITION SIGNAL NO. 8
21	G/O	INTAKE AIR TEMPERATURE SENSOR
22	BR/W	MASS AIR FLOW SENSOR
23	V	LOW FUEL PRESSURE SENSOR
25	LG	SENSOR GROUND
27	P	SENSOR POWER SUPPLY
28	SB	SENSOR POWER SUPPLY
29	W	KNOCK SENSOR (BANK 1)
31	V/W	FUEL RAIL PRESSURE SENSOR
32	R	ENGINE COOLANT TEMPERATURE SENSOR
33	W	KNOCK SENSOR (BANK 2)
35	SHIELD	SHIELD
37	V	ELECTRICALLY CONTROLLED COOLING FAN COUPLING
38	P/B	POWER STEERING PRESSURE SENSOR
40	W/L	SENSOR GROUND
42	L/Y	ENGINE OIL TEMPERATURE SENSOR
45	L/O	SENSOR GROUND
46	SB	FUEL INJECTOR DRIVER POWER SUPPLY
47	G	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
48	L/W	A/F SENSOR 1 HEATER (BANK 1)

49	LG/B	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
51	R	FUEL INJECTOR DRIVER POWER SUPPLY
52	L/R	HEATED OXYGEN SENSOR 2 HEATER (BANK 2)
53	SB	A/F SENSOR 1 HEATER (BANK 2)
54	G/R	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)

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



Terminal No.	Color of Wire	Signal Name [Specification]
3A	—	—
8A	—	—
7A	—	—
6A	—	—
5A	—	—
4A	—	—
3A	—	—
2A	—	—
1A	—	—
10C	—	—
9C	—	—
8C	—	—
7C	—	—
6C	—	—
5C	—	—
4C	—	—
3C	—	—
2C	—	—
1C	—	—
10B	—	—
9B	—	—
8B	—	—
7B	—	—
6B	—	—
5B	—	—
4B	—	—
3B	—	—
2B	—	—
1B	—	—

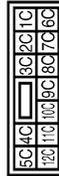
Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4B	—	—
3B	—	—
2B	—	—
1B	—	—
10B	—	—
9B	—	—
8B	—	—
7B	—	—
6B	—	—
5B	—	—
4B	—	—
3B	—	—
2B	—	—
1B	—	—
10A	—	—
9A	—	—
8A	—	—
7A	—	—
6A	—	—
5A	—	—
4A	—	—
3A	—	—
2A	—	—
1A	—	—
10C	—	—
9C	—	—
8C	—	—
7C	—	—
6C	—	—
5C	—	—
4C	—	—
3C	—	—
2C	—	—
1C	—	—
10B	—	—
9B	—	—
8B	—	—
7B	—	—
6B	—	—
5B	—	—
4B	—	—
3B	—	—
2B	—	—
1B	—	—

10B	W/B	—
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Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
8C	R	—
7C	B	—
6C	W	—
5C	GR	—
4C	GR	—
3C	R/L	—
2C	GR/L	—
1C	—	—
10C	—	—
9C	—	—
8C	—	—
7C	—	—
6C	—	—
5C	—	—
4C	—	—
3C	—	—
2C	—	—
1C	—	—

Connector No.	M27
Connector Name	COMBINATION SWITCH
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/B	RR
2	GR	OUTPUT 4
3	L/R	FR
4	W	IGN
5	L	OUTPUT 3
6	B	GND
7	W	INPUT 3
8	BR/Y	OUTPUT 5
9	R/W	INPUT 2
10	Y	INPUT 4
11	SB	INPUT 1
12	V	OUTPUT 1
13	LG	INPUT 5

14	G	OUTPUT 2
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Connector No.	ME4
Connector Name	4WD SWITCH ASSEMBLY
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	VDC OFF SW
9	W/R	AUTO SW
10	R	4H SW
11	V	4L SW
12	GR	BAT
13	L/W	LIGHT SW
14	B/O	ILL CONT
20	B	GND
22	W	SHOW SW
23	R	TOW

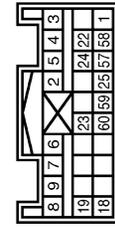
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POWER SUPPLY ROUTING CIRCUIT

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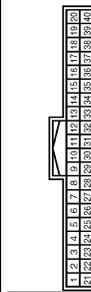
IGNITION POWER SUPPLY

Connector No.	M59
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/L	IGN
2	B	GND
3	Y	DRI (+)
4	Y/R	DRI (-) DR2 (+)
5	Y/G	DR2 (-)
6	Y/L	ASI (+)
7	Y/B	ASI (-)
8	B/Y	AS2 (+)
9	Y	AS2 (-)
10	O	ECZ3 (+)
11	W	ECZ3 (-)
12	SHIELD	GND
13	R/W	AIRBAG W/L
14	G/Y	SEATBELT W/L
15	R	CUTOFF TELLTALE
16	L	CAN-H
17	L	CAN-L
18	P	

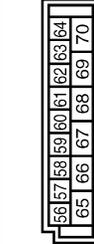
Connector No.	M58
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR/Y	COMBI SW INPUT 5
2	GR	COMBI SW INPUT 4
3	L	COMBI SW INPUT 3
4	G	COMBI SW INPUT 2
5	Y	COMBI SW INPUT 1

Terminal No.	Color of Wire	Signal Name [Specification]
8	V	POWER WINDOW SW COMM
9	R	STOP LAMP SW 1
11	R	LBR SENSER SERIAL LINK
14	P/B	OPTICAL SENSOR
16	L/O	DIMMER SIGNAL
17	Y/G	SENSOR PWR SPLY
18	B/Y	RECEIVER/SENSOR GND
19	BR	RECEIVER PWR SPLY
20	G/R	KYLS ENT RECEIVER COMM
21	P	NATS ANT AMP
22	W/B	KYLS ENT RECEIVER RSSI
23	GR/R	SECURITY IND CONT
24	SB	DONGLE LINK
25	LG/R	NATS ANT AMP
29	W	HAZARD SW
30	W/L	BK DOOR OPNR SW
31	W/G	DR DOOR UNLOCK SENSOR
32	LG	COMBI SW OUTPUT 5
33	Y	COMBI SW OUTPUT 4
34	W	COMBI SW OUTPUT 3
35	R/W	COMBI SW OUTPUT 2
36	SB	COMBI SW OUTPUT 1
37	G/Y	SHIFT P
38	L	CAN-H
40	P	CAN-L

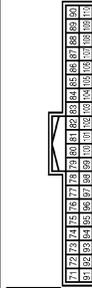
Connector No.	M70
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHAB-SA



Terminal No.	Color of Wire	Signal Name [Specification]
56	W/R	INT ROOM LAMP PWR SPLY
57	LG	BAT (FUSE)
59	G	PASSENGER DOOR UNLK OUTPUT
60	G	TURN SIGNAL LH OUTPUT
61	G/Y	TURN SIGNAL RH OUTPUT
62	R	STEP LAMP CONT
63	BR	ROOM LAMP TIMER CONT
64	GR/R	CRANKING REQUEST
65	R	ALL DOOR LOCK OUTPUT
66	V	DR DOOR FUEL LID UNLK OUTPUT
67	B	GND

68	Y	PW PWR SPLY (IGN)
69	W	PW PWR SPLY (BAT)
70	Y	BAT (F/L)

Connector No.	M71
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
71	O/L	TRAILER TURN SIG LH CONT
72	P	PUDDLE LAMP CONT
73	W	ON IND
74	Y/B	TRAILER TURN SIG RH CONT
75	LG/R	DRIVER DOOR REQUEST SW
76	P/L	PASSENGER DOOR REQUEST SW
77	O/L	TRAILER TURN SIG LH CONT
78	P/B	DRIVER DOOR ANT+
79	V	DRIVER DOOR ANT-
80	LG/B	PASSENGER DOOR ANT+
81	Y/R	PASSENGER DOOR ANT-
82	W/G	BACK DOOR ANT+
83	B/W	BACK DOOR ANT-
84	BR	ROOM ANTI+
85	Y	ROOM ANTI-
86	W	ROOM ANTI2-
87	B	ROOM ANTI2+
88	V	LAGAGE ROOM ANTI+
89	G	LAGAGE ROOM ANTI-
90	Y	PUSH-BTN IGN SW ILL PWR LOCK IND
91	O	LOCK IND
92	L	LOW SIDE PUSH LED
93	GR/R	F-KEY WARN BUZZER
94	Y/G	S/L UNIT COMM
95	W	S/L UNIT PWR SPLY
96	BR	ACC RELAY CONT
97	R/W	STARTER RELAY CONT
98	O	IGN RELAY (PDM E/R) CONT
99	R	IGN RELAY (F/B) CONT
100	SB	PUSH SW
101	W/B	IGN PWR SPLY 2
102	BR	SHIFT N/P
104	R/B	A-T SHIFT SELECT PWR SPLY
105	O/L	STOP LAMP SW2

106	Y/G	BLWR FAN MTR RELAY CONT
107	L	S/L CONDITION1
108	P	S/L CONDITION2
109	L/W	ACC IND

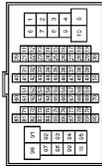
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

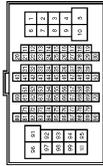
Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	
12	R	
13	P/B	
14	BR	
15	O/L	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	V	
22	L	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
28	R/W	
30	O/L	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/O	
37	G/Y	
38	G	
40	SB	
41	W/R	

42	R	
43	V	
51	L/O	
52	BR/W	
53	BR/Y	
54	GR/L	
60	W	
61	B	
62	G	
63	R	
64	SHIELD	
91	BR	
92	L/W	
94	Y/B	
95	L/R	
97	R	
98	O/L	
100	W/B	

Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
4	V/W	
5	G/R	
8	P	
9	GR/L	
10	Y/R	
11	L/R	
12	W/G	
13	BR/Y	
14	LG	
15	BR/W	
17	W/B	
18	GR/R	
20	W/R	
21	B	
22	R/L	
23	G/R	
24	R/W	

25	W/L	
26	R	
27	L	
28	B/SB	
37	G/Y	
38	G/Y	
39	O	
40	W	
41	R	
42	B	
43	Y	
44	G	
45	SHIELD	
46	G/O	
47	G/R	
48	SHIELD	
48	W	
50	SHIELD	
51	Y/R	
52	GR	
53	L/G/B	
54	L/G/R	
55	R/G	
56	B/O	
57	SB	
60	G	
61	B	
62	W	
63	R	
64	SHIELD	
65	L/Y	
66	V	
67	B/W	
91	G/R	
95	SB	
96	G/R	
97	GR/L	
98	G/W	
99	P	
100	L	

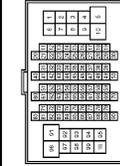
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W/R	
4	W/B	
5	L/Y	
6	L/Y	
7	R	
8	G/R	
9	G/R	
10	W	
11	W	
12	V	
13	Y	
14	L/O	
15	GR/L	
16	R/G	
17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	
21	R	
22	GR	
27	L/O	
28	SB	
30	R/L	
31	Y/L	
32	W/R	
33	W/G	
34	L/R	
38	P/B	
40	W/R	
41	R	
42	L/W	
43	B/W	
51	O/L	
52	L/R	
53	SB	
54	V/W	
56	L	
60	GR	
61	P/L	
62	B/SSB	

Terminal No.	Color of Wire	Signal Name [Specification]
63	R/Y	
64	BR	
70	O	
71	G/R	
72	SHIELD	
73	G/O	
74	G/Y	
77	SB	
78	LG	
79	R/B	
90	W/B	
93	Y	
94	L	
95	L/R	
96	R	
97	W	
98	V	
99	L/W	
100	W	

Connector No.	M113
Connector Name	WIRE TO WIRE
Connector Type	M08FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
3	W	
5	O/L	

Connector No.	M131
Connector Name	FRONT HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/R	
2	L	
3	BR	
4	B	
5	L/W	
6	B/O	

Connector No.	M132
Connector Name	FRONT HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS08FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/R	
2	L/Y	
3	R/B	
4	B	
5	L/W	
6	B/O	

Connector No.	M133
Connector Name	SECOND HEATED SEAT SWITCH LH
Connector Type	NS08FW-CS



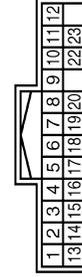
Terminal No.	Color of Wire	Signal Name [Specification]
1	G/R	
2	V	
3	L/W	
4	B	
5	L/W	
6	B/O	

Connector No.	M134
Connector Name	SECOND HEATED SEAT SWITCH RH
Connector Type	NS08FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/R	
2	W	
3	L/R	
4	B	
5	L/W	
6	B/O	

Connector No.	M147
Connector Name	IGNITION MODE / TOW MODE / VDC OFF SWITCH ASSEMBLY
Connector Type	TH24FW-NH



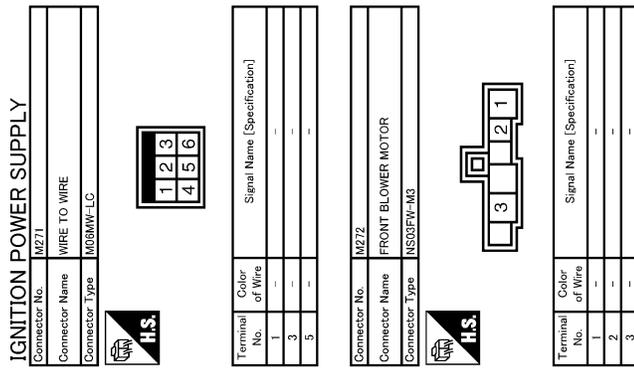
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	VDC OFF SW
12	GR	BAT
13	L/W	LIGHT SW
14	B/O	ILL CONT
20	B	GND
22	W	SHOW SW
23	R	TOW

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POWER SUPPLY ROUTING CIRCUIT

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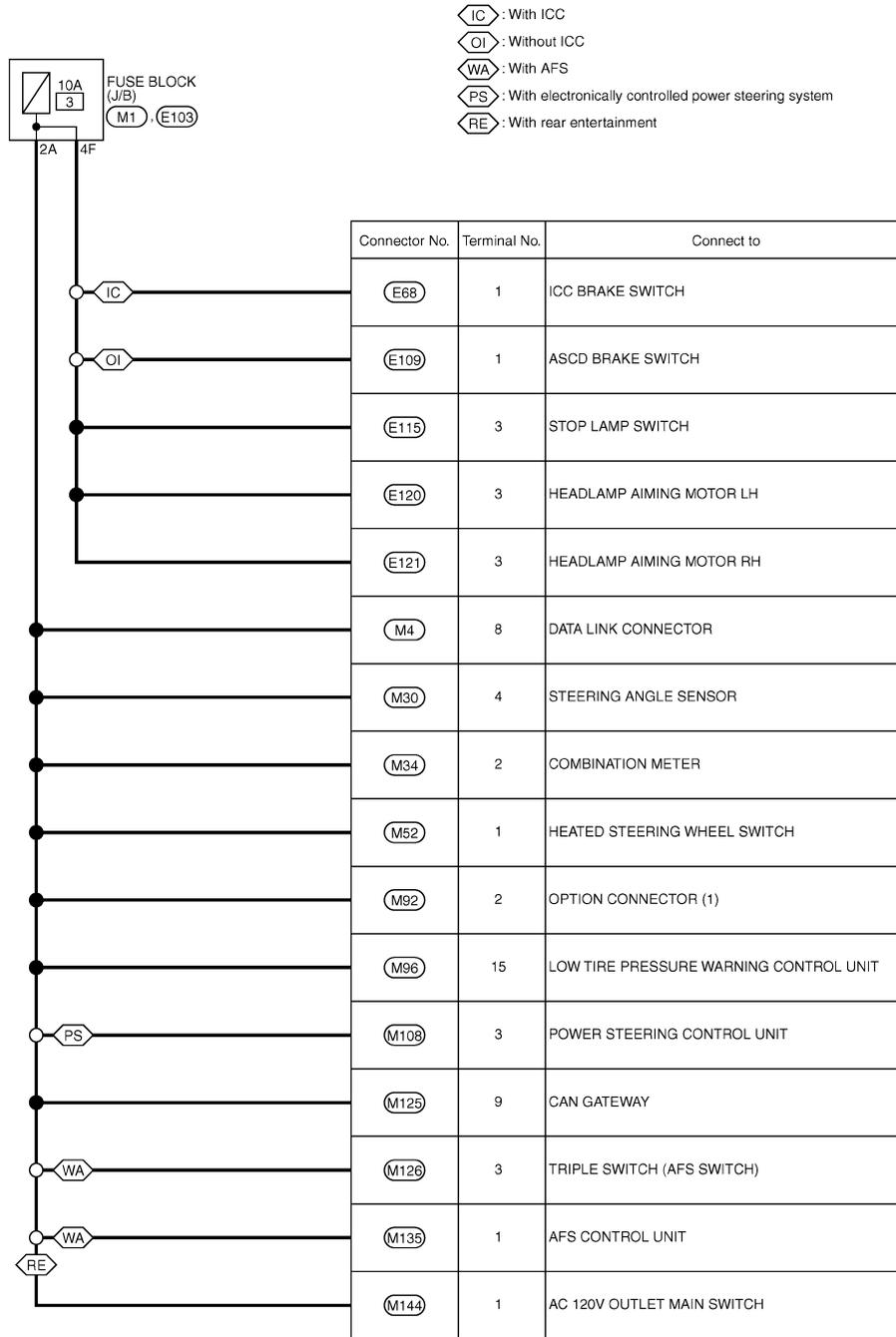
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 - IGNITION POWER SUPPLY FUSE No. 3

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E168
Connector Name	ICC BRAKE SWITCH
Connector Type	M02FBR-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	G/Y	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1F	W/B	-
2F	R	-
4F	GR	-
6F	Y/G	-
8F	L/B	-
9F	Y	-
10F	G	-
14F	Y	-
15F	L	-

Connector No.	E109
Connector Name	ASCD BRAKE SWITCH
Connector Type	M02FBR-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	G/Y	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/B	-
2	R	-
3	G	-
4	L/R	-

Connector No.	E120
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	HS03FGY



Terminal No.	Color of Wire	Signal Name [Specification]

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR/L	- [With ICC]
2	SB	- [Without ICC]
3	B	-
	G	-

Connector No.	E121
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	HS03FGY



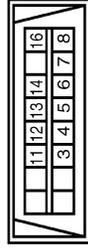
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-
3	G	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-M2



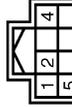
Terminal No.	Color of Wire	Signal Name [Specification]
1A	Y	-
2A	GR	-
3A	W	-
4A	Y/G	-
5A	V	-
6A	L/W	-
7A	LG	-
8A	W	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	B	-
5	B	-
6	L	-
7	SR	-
8	GR	-
11	SB	-
12	R	-
13	L	-
14	P	-
16	Y	-

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



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH4CPV-NH

Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Color of Wire	Y	GR	B	B	B	B	R	P/L	G	O	W/R	R	R/W	W/R	W/R	W/R	W/R	V/W	V/W	B	L	L	P	B	V	V	O/L	GR/R	BR	BR	SB	BR/W	W	BR/Y	O/Y	G/Y	R/Y	L/W	Y/B	G/W
Signal Name [Specification]	BATTERY POWER SUPPLY	IGNITION SIGNAL	GROUND	GROUND	ILL GND	TOW MODE SIGNAL	TRIP RESET SWITCH SIGNAL	ENTER SWITCH SIGNAL	SELECT SWITCH SIGNAL	ILLUMINATION CONTROL SWITCH SIGNAL (1)	ILLUMINATION CONTROL SWITCH SIGNAL (2)	AIR BAG SIGNAL	AMBIENT SENSOR SIGNAL	A.C. AUTO AMP. CONNECTION RECOGNITION SIGNAL	AMBIENT SENSOR GROUND	CAN-H	GROUND	FUEL LEVEL SENSOR GROUND	FUEL LEVEL SENSOR SIGNAL	ALTERNATOR SIGNAL	PARKING BRAKE SWITCH SIGNAL	SECURITY SIGNAL	WASHER LEVEL SWITCH SIGNAL	VEHICLE SPEED SIGNAL (2-PULSE)	VEHICLE SPEED SIGNAL (8-PULSE)	SNOW MODE SIGNAL	FUEL LEVEL SENSOR SIGNAL	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)	PASSENGER SEAT BELT WARNING SIGNAL	NON-MANUAL MODE SIGNAL	MANUAL MODE SHIFT DOWN SIGNAL	MANUAL MODE SHIFT UP SIGNAL	MANUAL MODE SIGNAL							



1	2
6	5
3	4

Connector No.	M82
Connector Name	HEATED STEERING WHEEL SWITCH
Connector Type	NS6GFT-CS

Terminal No.	1	2	3	4	5	6
Color of Wire	GR	B/O	L/W	B	BR	B
Signal Name [Specification]	-	-	-	-	-	-



1	2
6	5
3	4

Connector No.	M86
Connector Name	LOW TIRE PRESSURE WARNING CONTROL UNIT
Connector Type	TH12FW-NH

Terminal No.	1	2	3	4	5	6	7	8	9	10	12	15	30	31									
Color of Wire	P	L	O/L	L	R/L	W/G	SB	GR	R/W	LG	GR	L/R	P	GR	R	G/R	Y	L	B	R	B		
Signal Name [Specification]	CAN-L	CAN-H	RR TIRE PRESSURE RECEIVER SIGNAL	RL TIRE PRESSURE RECEIVER SIGNAL	FR TIRE PRESSURE RECEIVER SIGNAL	FL TIRE PRESSURE RECEIVER SIGNAL	RR TIRE PRESSURE RECEIVER POWER SUPPLY	RL TIRE PRESSURE RECEIVER POWER SUPPLY	FR TIRE PRESSURE RECEIVER POWER SUPPLY	FL TIRE PRESSURE RECEIVER POWER SUPPLY	IGN	RR TIRE PRESSURE RECEIVER SIGNAL (SENSITIVITY)	RL TIRE PRESSURE RECEIVER SIGNAL (SENSITIVITY)	FR TIRE PRESSURE RECEIVER SIGNAL (SENSITIVITY)	FL TIRE PRESSURE RECEIVER SIGNAL (SENSITIVITY)	RR TIRE PRESSURE RECEIVER GND	RL TIRE PRESSURE RECEIVER GND	FR TIRE PRESSURE RECEIVER GND	FL TIRE PRESSURE RECEIVER GND	GND			



1	2	3	4	5	6	7	8	9	10	12	15	30	31
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Terminal No.	5	6	8	10
Color of Wire	L	B	SB	B/SB
Signal Name [Specification]	EPS SOL GND	GND	VEHICLE SPEED (2P)	ENG TACHO

Connector No.	M125
Connector Name	CAN GATEWAY
Connector Type	TH12FW-NH



1	3	4	5	6
7	9	10	11	12

Terminal No.	1	3	4	5	6	7	9	10	11	12
Color of Wire	L	L	Y	L	B	L	P	GR	R	B
Signal Name [Specification]	CAN-H	BATTERY	CAN-H	GND	CAN-H	CAN-L	IGNITION	CAN-L	GND	CAN-L

Connector No.	M126
Connector Name	TRIPLE SWITCH
Connector Type	TH12FL-NH



1	3	4	5	6
7	9	10	11	12

Terminal No.	3	6	7
Color of Wire	GR	GR/R	L/O
Signal Name [Specification]	-	-	-

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH4CPV-NH

Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Color of Wire	Y	GR	B	B	B	R	P/L	G	O	W/R	R	R/W	W/R	W/R	W/R	W/R	V/W	V/W	B	L	L	P	B	V	V	O/L	GR/R	BR	BR	SB	BR/W	W	BR/Y	O/Y	G/Y	R/Y	L/W	Y/B	G/W	
Signal Name [Specification]	BATTERY POWER SUPPLY	IGNITION SIGNAL	GROUND	GROUND	ILL GND	TOW MODE SIGNAL	TRIP RESET SWITCH SIGNAL	ENTER SWITCH SIGNAL	SELECT SWITCH SIGNAL	ILLUMINATION CONTROL SWITCH SIGNAL (1)	ILLUMINATION CONTROL SWITCH SIGNAL (2)	AIR BAG SIGNAL	AMBIENT SENSOR SIGNAL	A.C. AUTO AMP. CONNECTION RECOGNITION SIGNAL	AMBIENT SENSOR GROUND	CAN-H	GROUND	FUEL LEVEL SENSOR GROUND	FUEL LEVEL SENSOR SIGNAL	ALTERNATOR SIGNAL	PARKING BRAKE SWITCH SIGNAL	SECURITY SIGNAL	WASHER LEVEL SWITCH SIGNAL	VEHICLE SPEED SIGNAL (2-PULSE)	VEHICLE SPEED SIGNAL (8-PULSE)	SNOW MODE SIGNAL	FUEL LEVEL SENSOR SIGNAL	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)	PASSENGER SEAT BELT WARNING SIGNAL	NON-MANUAL MODE SIGNAL	MANUAL MODE SHIFT DOWN SIGNAL	MANUAL MODE SHIFT UP SIGNAL	MANUAL MODE SIGNAL							



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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Terminal No.	1	2	3	4	5	6
Color of Wire	GR	B/O	L/W	B	BR	B
Signal Name [Specification]	-	-	-	-	-	-

Connector No.	M82
Connector Name	OPTION CONNECTOR (1)
Connector Type	TH08MW-NH



1	2	3
5	6	8

Terminal No.	1	2	3	6	8
Color of Wire	Y	GR	W/R	Y/L	B
Signal Name [Specification]	-	-	-	-	-

Connector No.	M108
Connector Name	POWER STEERING CONTROL UNIT
Connector Type	TH12FW-NH



1	3	5	6
8	10		

Terminal No.	1	3
Color of Wire	R	GR
Signal Name [Specification]	EPS SOL SUPPLY	IGN

JCMWM8443GB

A B C D E F G H I J K L N O P PG

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M135
Connector Name	AFS CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	IGN
2	LG/B	PSC-R
3	GR/R	SW
4	Y/R	PSV-R
5	L/Y	HSV-F
6	LG/R	HSV-R
7	B	CAN-L
8	B/O	HSC-R
9	GR	PS-R
10	B/W	HSC-F
11	R	SMR-2 (-)
13	B	SMR-1 (-)
15	W	SML-1 (+)
17	G	SML-2 (+)
19	SB	AMDS-R
23	V	HS-F
24	L/O	PSV-L
25	B	GND
27	BR/Y	PSC-L
28	R/G	HS-R
29	BR/W	PS-L
30	L	CAN-H
32	G	SMR-1 (+)
34	W	SMR-2 (+)
36	R	SML-2 (-)
38	B	SML-1 (-)
40	GR/L	AMDS-L

Connector No.	M144
Connector Name	AC 120V OUTLET MAIN SWITCH
Connector Type	TK08FW-IV



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	B	-
3	W	-
4	L/W	-
5	O	-
6	B	-

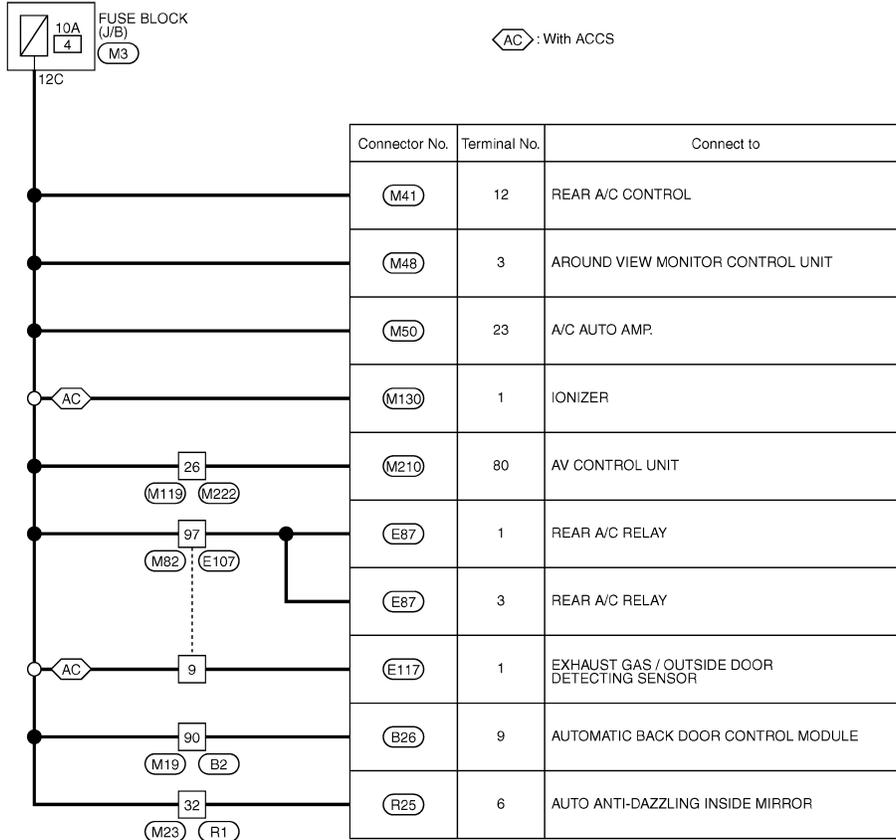
JCMWM8444GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 - IGNITION POWER SUPPLY FUSE No. 4

INFOID:000000006288146



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2010/05/13

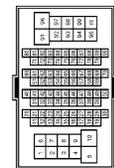
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 4

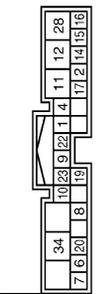
Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS16-TMM



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	L	
3	BR	
4	R/W	
5	L	
6	V	
7	G	
8	W/B	
9	BR	
10	G/R	
11	B/Y	
12	W/R	
13	G/W	
14	V	
15	O	
16	Y	
17	W/L	
18	Y	
19	W/G	
20	B/W	
21	V	
22	SHIELD	
23	G	
24	O	
25	Y	
26	L/O	
27	Y/R	
28	L	
29	R	
30	G/Y	
31	B/SB	
32	LG/R	
33	BR/W	
34	GR/R	
35	SB	
36	LG	
37	L	
38	P	
39	W/G	
40	G/R	
41	V/W	
42	LG/B	
43		
44		

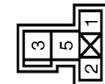
3	GR/L
5	L/W

Connector No.	B26
Connector Name	AUTOMATIC BACK DOOR CONTROL MODULE
Connector Type	THB0FW-TB6



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BUZZER
2	Y/B	ABD SW
4	GR	ABD CLOSE SW
6	P	CAN-L
7	L	CAN-H
8	L/W	HALF LATCH SW
9	GR/L	IGN
10	Y	BAT
11	R	CLOSURE MTR (CLOSE)
12	V	CLOSURE MTR (OPEN)
14	G/W	TOUCH SENS LH
15	L/R	TOUCH SENS GND
16	LG	TOUCH SENS RH
17	O	MAIN SW
19	L/Y	CLOSE SW
20	G/Y	OPEN SW
22	B	GND
23	B	GND
28	R/W	BAT
34	B	GND

Connector No.	E87
Connector Name	REAR A/C RELAY
Connector Type	MS22FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR/L	
2	G/W	

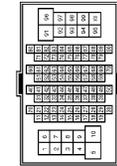
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 4

Connector No.	E107
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (E-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
4	V/W	
5	G/R	
6	P	
8	GR/L	
10	Y/R	
11	L/R	
12	W/G	
13	BR/Y	
14	LG	
15	BR/W	
17	W/B	
18	GR/R	
20	W/R	
21	B	
22	R/L	
23	G/R	
24	R/W	
25	W/L	
26	R	
27	L	
28	G/B	
37	G/Y	
38	G/Y	
39	O	
40	W	
41	R	
42	B	
43	Y	
44	G	
45	SHIELD	
46	G/O	
47	G/R	
48	SHIELD	
49	W	
50	SHIELD	
51	Y/R	
52	GR	

53	LG/B	-
54	LG/R	-
55	R/G	-
56	B/R	-
57	SB	-
60	G	-
61	B	-
62	W	-
63	R	-
64	SHIELD	-
65	L/Y	-
66	V	-
67	B/W	-
91	G/R	-
95	SB	-
96	G/R	-
97	GR/L	-
98	G/W	-
99	R/Y	-
100	L	-

Connector No.	M3
Connector Name	FUSE BLOCK (U/B)
Connector Type	MS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
8C	R	-
7C	B	-
8C	W	-
10C	GR	-
11C	R/L	-
12C	GR/L	-

Connector No.	E117
Connector Name	EXHAUST GAS / OUTSIDE DOOR DETECTING SENSOR
Connector Type	RH03FE



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR/L	IGN
2	B	GND
3	V/W	OUTPUT

A
B
C
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L
N
O
P

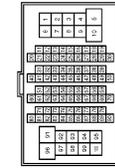
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

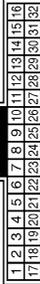
IGNITION POWER SUPPLY FUSE No. 4

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH807V-CS16-TM4



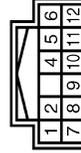
Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	BR	-
5	R/W	-
6	L	-
7	V	-
9	G	-
11	W/B	-
12	BR	-
13	G/R	-
14	B/Y	-
15	W/R	-
16	GR/R	-
18	G/W	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
23	SHIELD	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	- [With ICC] - [Without ICC]
31	G/Y	-
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
42	G/R	-
43	Y/W	-

Connector No.	M23
Connector Name	WIRE TO WIRE
Connector Type	TH22MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
4	Y	-
7	B	-
8	Y/L	-
10	B	-
11	B	-
12	Y	-
13	SHIELD	-
14	Y	-
15	W/R	-
16	L/O	-
17	Y	-
20	W	-
22	SB	-
23	Y/R	-
24	SHIELD	-
25	Y/G	-
26	L/O	-
27	W/G	-
28	W/R	-
29	L	-
30	B/SB	-
31	BR	-
32	GR/L	-

Connector No.	M41
Connector Name	REAR A/C CONTROL
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
5	L/W	ILL ⁺
6	B/O	ILL ⁻
9	W	RR CONT RX
10	O/L	RR CONT TX
12	GR/L	IGN

Connector No.	M48
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	Y/G	BATTERY
3	GR/L	IGNITION SIGNAL
4	V	ACC
5	L/W	ILLUMINATION SIGNAL
6	BR/W	VEHICLE SPEED SIGNAL (B-PULSE)
7	P	REVERSE SIGNAL
9	B/O	CONTROL SIGNAL
13	B/O	CONTROL SIGNAL
17	SB	AV COMM (H)
18	LG	AV COMM (L)
23	LG	AUXILIARY INFEARED LED (+)
27	W	CAMERA IMAGE SIGNAL
28	SHIELD	SHIELD
29	Y	SIDE CAMERA RH IMAGE SIGNAL
30	G	SIDE CAMERA RH IMAGE GND
31	SHIELD	SHIELD
32	B	SIDE CAMERA RH GND
33	W	SIDE CAMERA RH COMM
34	R	SIDE CAMERA RH POWER SUPPLY
35	Y	REAR CAMERA COMM
36	R	REAR CAMERA POWER SUPPLY
37	SHIELD	SHIELD
38	W	REAR CAMERA GND
39	G	REAR CAMERA IMAGE SIGNAL
40	B	REAR CAMERA IMAGE GND

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 4

Connector No.	M59
Connector Name	A/C AUTO AMP.
Connector Type	SAG40PW



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



Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	TH80PT-CS16-TM4



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

24	R/W	-
25	L/O	-
26	GR/L	-
27	W	-
28	V	-
29	BR/W	-
30	Y/G	-
31	Y/L	-
32	B	-
37	SHIELD	-
38	GR/R	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	B	GROUND
3	Y/G	BATTERY POWER SUPPLY
4	V	ACC POWER SUPPLY
5	W	IONIZER CONTROL SIGNAL
6	V/W	A/C AUTO AMP CONNECTION/RECOGNITION SIGNAL
7	W/R	AMBIENT SENSOR SIGNAL
8	GR/L	RR IN-VEHICLE SENSOR SIGNAL
9	BR	SUNLOAD SENSOR (DR) SIGNAL
10	V/W	EXT GAS / OUTSIDE DOOR DETECTING SENSOR SIGNAL
11	W	COMM (A/C AUTO AMP->RR A/C CONT)
14	O/L	FR BLOWER MOTOR CONTROL SIGNAL
16	R/G	EACH DOOR MOTOR LIN SIGNAL
17	L/Y	EACH DOOR MOTOR POWER SUPPLY
21	P	CAN-L
23	GR/L	IGNITION POWER SUPPLY
25	R	GROUND
26	B	SENSOR GROUND
27	GR	FR IN-VEHICLE SENSOR SIGNAL
28	R	INTAKE SENSOR SIGNAL
29	O/L	SUNLOAD SENSOR (PASS) SIGNAL
31	O/L	COMM (RR A/C CONT->A/C AUTO AMP)
34	L/O	RR BLOWER MOTOR CONTROL SIGNAL
37	B	GROUND
38	G/W	RR A/C RELAY CONTROL SIGNAL

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
4	V/W	-
5	G/R	-
6	P	-
9	GR/L	-
10	Y/R	-
11	L/R	-
12	W/G	-
13	BR/Y	-
14	LG	-
15	BR/W	-
17	W/B	-
18	GR/R	-
20	W/R	-
21	B	-
22	R/L	-
23	G/R	-
24	R/W	-
25	W/L	-
26	R	-
27	L	-
28	R/SB	-
37	G/Y	-
38	G/Y	-
39	O	-
40	W	-
41	R	-
42	B	-
43	Y	-
44	G	-
45	SHIELD	-
46	G/O	-
47	G/R	-
48	SHIELD	-
49	W	-
18	G/R	-
21	LG	-
51	Y/R	-
52	GR	-

Connector No.	M130
Connector Name	IONIZER
Connector Type	TH104FW-NH



1	2	3	4
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Terminal No.	Color of Wire	Signal Name [Specification]
1	GR/L	IGN
2	R	IGN MODE
3	B	GND
4	W	IGN ON/OFF

Connector No.	M119
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	SB	-
3	L	-
4	W/B	-
5	SHIELD	-
6	LG	-
7	V	-
8	W	-
9	O	-
10	SHIELD	-
11	W/L	-
17	W	-
18	G/R	-
21	LG	-
22	LG	-
23	P	-

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P

JCMWM8449GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 4

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH22FW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
65	W	PARKING BRAKE SIGNAL
67	W	COMPOSITE IMAGE SIGNAL GND
68	R	COMPOSITE IMAGE SIGNAL
71	SHIELD	MICROPHONE SHIELD
72	Y/G	MICROPHONE VCC
73	Y/G	COMM (CONT->DISP)
74	P	CAN-L
75	LG	AV COMM (L)
76	LG	AV COMM (L)
79	L/O	DIMMER SIGNAL
80	GR/L	IGNITION SIGNAL
81	R/Y	REVERSE SIGNAL
82	BR/W	VEHICLE SPEED SIGNAL (3-PULSE)
83	SHIELD	SHIELD
84	W/B	COMPOSITE IMAGE SYNC SIGNAL
87	Y/L	MICROPHONE SIGNAL
88	SHIELD	SHIELD
89	Y/L	COMM (DISP->CONT)
90	L	CAN-H
91	SB	AV COMM (H)
92	SB	AV COMM (H)



64	65	66	67	68	71	72	73	74	75	76	
79	80	81	82	83	84	87	88	89	90	91	92

2	SB	-
3	L	-
4	W/B	-
5	SHIELD	-
6	LG	-
7	V	-
8	W	-
9	O	-
10	SHIELD	-
11	W/L	-
17	W	-
18	G/R	-
21	LG	-
22	LG	-
23	P	-
24	R/W	-
25	L/O	-
26	GR/L	-
27	W	-
28	V	-
29	BR/W	-
30	Y/G	-
31	Y/L	-
32	B	-
37	SHIELD	-
38	GR/R	-

16	L/O	-
17	Y	-
20	W	-
22	SB	-
23	Y	-
24	SHIELD	-
25	Y/G	-
26	L	-
27	W/G	-
28	Y	-
29	L	-
30	B/SB	-
31	BR	-
32	B/R	-



16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Connector No.	R25
Connector Name	AUTO ANTI-DAZLING INSIDE MIRROR
Connector Type	TH10FB-NH



10	8	6
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Terminal No.	Color of Wire	Signal Name [Specification]
6	B/R	-
8	B	-
10	B/Y	-

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH432FW-NH



16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
4	Y	-
7	B	-
8	Y/L	-
10	B	-
11	R	-
12	Y	-
13	SHIELD	-
14	B/Y	-
15	W/R	-

Connector No.	M22
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



20	19	18	17	16	15	14	13	12	11	9	8	7	6	5	4	3	2	1
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Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-

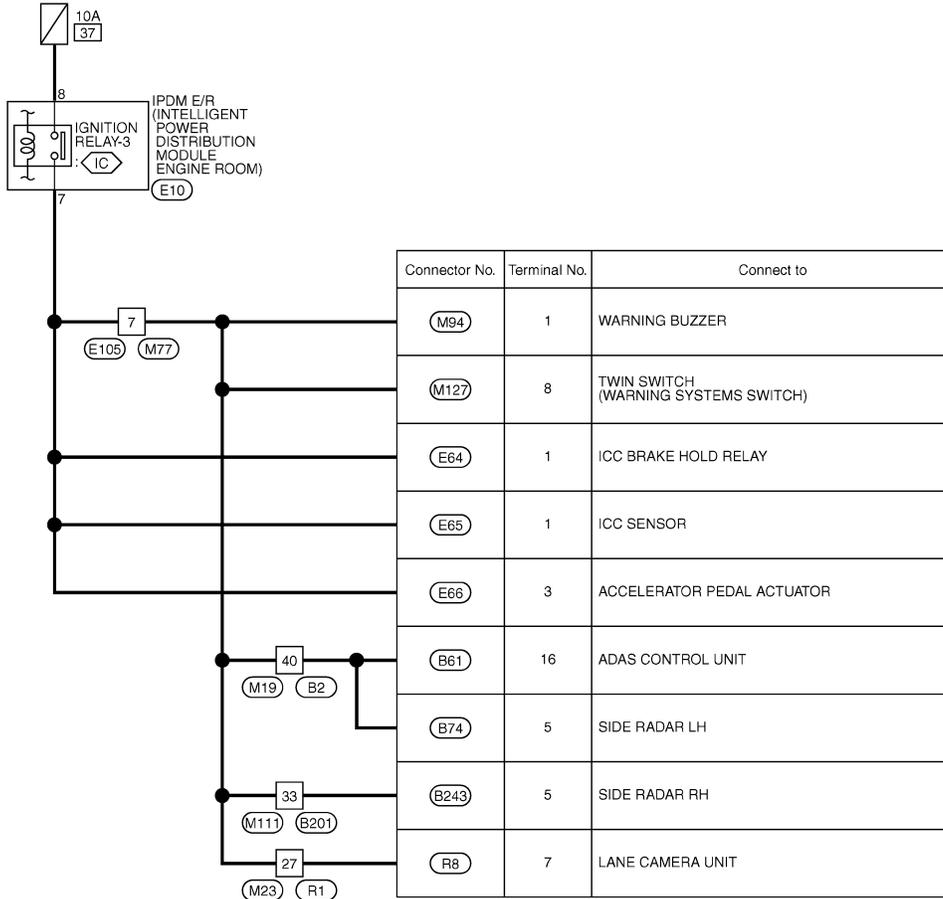
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 37 - IGNITION POWER SUPPLY FUSE No. 37

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

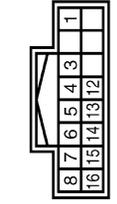
IGNITION POWER SUPPLY FUSE No. 37

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS16-TMM



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	BR	-
5	R/W	-
6	L	-
7	V	-
9	G	-
11	W/B	-
12	BR	-
13	G/R	-
14	B/Y	-
15	W/R	-
16	GR/R	-
18	G/W	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
23	SHIELD	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	-
31	G/Y	-
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
42	G/R	-
43	V/W	-
44	LG/B	-

Connector No.	B61
Connector Name	ADAS CONTROL UNIT
Connector Type	TH16FW-1H1



Terminal No.	Color of Wire	Signal Name [Specification]
1	V/W	WARNING SYSTEMS SW
3	R/Y	IEA OFF SW
4	LG/B	WARNING SYSTEMS ON IND
5	R	BRAKE HOLD RL Y DRIVE SIGNAL
6	B	GND
7	L	ITS COMM-H
8	Y	ITS COMM-L
12	G/R	WARNING BUZZER
14	L	CAN-H
15	P	CAN-L
16	W/G	IGNITION

Connector No.	B74
Connector Name	SIDE RADAR LH
Connector Type	AA008FB-WP-sp



Terminal No.	Color of Wire	Signal Name [Specification]
2	B	GND
3	Y	ITS COMM-L
4	L	ITS COMM-H
5	W/G	IGNITION
6	BR	BSW INDICATOR

Terminal No.	Color of Wire	Signal Name [Specification]
45	R/Y	-
46	B	-
49	GR	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	Y	-
64	R	-
65	W	-
66	G	-
67	B	-
68	SHIELD	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
83	BR	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

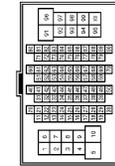
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 37

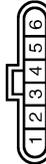
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS-E-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W	
5	W/B	
6	L/Y	
7	R	
8	GR	
9	GR/R	
11	W	
12	Y	
13	Y	
16	L/O	
17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	
21	R	
22	GR	
27	L/W	
28	W	
30	R/L	
31	Y/L	
32	W/R	
33	W/G	
34	L/R	
38	P/B	
40	W/R	
41	R	
42	L	
43	B/W	
51	L/B	
52	L/R	
53	SB	
54	V/W	
56	L	
60	GR	
61	P/L	
62	B/SSB	

63	R/Y	
64	BR	
70	O	
71	G/R	
72	SHIELD	
73	G/O	
74	G/Y	
77	SB	
78	LG	
79	R/B	
90	W/B	
93	Y	
94	L	
95	L/R	
96	R	
97	W	
98	V	
99	L/W	
100	W	

Connector No.	B243
Connector Name	SIDE RADAR RH
Connector Type	AAAC09FB-WP



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/Y	RIGHT/LEFT SWITCHING SIGNAL
2	B	GRD
3	Y	ITS COMM-L
4	L	ITS COMM-H
5	W/G	IGNITION
6	L/R	BSW INDICATOR

Connector No.	E10
Connector Name	SWAY IN INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	MM0FTV-LC



Terminal No.	Color of Wire	Signal Name [Specification]
3	R	
4	L	
5	P/L	
7	W/G	
8	W	

Connector No.	E64
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	MS02FL-M2-LC



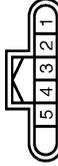
Terminal No.	Color of Wire	Signal Name [Specification]
1	W/G	
2	R	
3	L/B	
5	R	

Connector No.	E65
Connector Name	ICC SENSOR
Connector Type	RS09FB-FR



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/G	
3	L	IGNITION
4	B	ITS COMM-H
6	Y	ITS COMM-L

Connector No.	E66
Connector Name	ACCELERATOR PEDAL ACTUATOR
Connector Type	RM08FLGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/O	BATTERY
2	B	GRD
3	W/G	IGNITION
4	Y	ITS COMM-L
5	L	ITS COMM-H

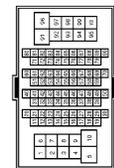
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 37

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	
13	P/B	
14	BR	
15	L/B	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	Y/V	
22	L	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
29	R/W	
30	L/B	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/R	
37	G/Y	
38	G	
40	SB	
41	W/R	
42	R	

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
5	R/W	
6	V	
7	V	
9	G	
11	W/B	
12	BR	
13	G/R	
14	B/Y	
15	W/R	
16	GR/R	
18	G/W	
19	V	
20	W/G	
21	B/W	
22	V	
23	SHIELD	
24	G	

25	O	
26	Y	
27	L/O	
28	Y/R	
29	L	
30	R	
31	G/Y	
32	B/SB	
33	LG/R	
34	BR/W	
35	GR/R	
36	SB	
37	LG	
38	L	
39	P	
40	W/G	
42	G/R	
43	V/W	
44	LG/B	
45	P/Y	
46	B	
49	GR	
50	R/B	
51	W/R	
52	BR/Y	
53	O/B	
54	G/O	
55	R/B	
56	LG/R	
57	GR/R	
58	Y/G	
59	V/W	
60	R	
63	Y	
64	R	
65	W	
66	G	
67	B	
68	SHIELD	
69	LG/B	
70	P/L	
71	L	
72	R	
77	Y/B	
78	Y/L	
79	Y	
80	W/R	
81	Y/L	
83	BR/W	
84	L/O	
86	O	

87	W/R	
88	O	
89	W/L	
90	GR/L	
91	W	
92	G	
94	W/R	
96	L/W	
97	R	
98	V	
99	L/W	
100	P/B	

Connector No.	M23
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



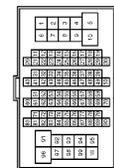
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
4	Y	
7	B	
8	Y/L	
10	B	
11	R	
12	Y	
13	SHIELD	
14	Y	
15	W/R	
16	L/O	
17	Y	
20	W	
22	SB	
23	Y/R	
24	SHIELD	
25	Y/G	
26	L/O	
27	W/G	
28	Y	
29	L	
30	B/SB	
31	BR	
32	GR/L	

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 37

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	-- [With ICC]
12	R	-- [Without ICC]
13	P/B	
14	BR	
15	O/L	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	Y	
22	Y	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
29	R/W	
30	O/L	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/O	
37	G/Y	
38	G	
40	SB	
41	W/R	

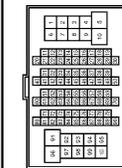
42	R	--
43	V	--
51	L/O	--
52	BR/W	--
53	BR/Y	--
54	GR/L	--
60	W	--
61	B	--
62	G	--
63	R	--
64	SHIELD	--
91	BR	--
92	L/W	--
94	Y/B	--
95	L/R	--
97	R	--
98	O/L	--
100	W/B	--

Connector No.	M84
Connector Name	WARNING BUZZER
Connector Type	INSOAFBR-CS



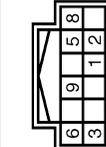
Terminal No.	Color of Wire	Signal Name [Specification]
1	W/G	
2	G/R	
3	B	

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



94	L	--
95	L/R	--
96	R	--
97	W	--
98	V	--
99	L/W	--
100	W	--

Connector No.	M127
Connector Name	TWIN SWITCH
Connector Type	TH1ZFGY-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/B	
2	V/W	
3	B	
5	L/O	
6	B/O	
8	W/G	
9	LG/B	

Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W/R	
5	W/B	
6	L/Y	
7	R	
8	G/R	
9	GR/R	
11	W	
12	V	
13	Y	
16	L/O	
17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	
21	B	
22	GR	
27	L/O	
29	SB	
30	R/L	
31	Y/L	
32	W/R	
33	W/G	
34	L/R	
39	P/B	
40	W/R	
41	R	
42	L/W	
43	B/W	
51	O/L	
52	L/R	
53	SB	
54	V/W	
58	L	
60	GR	
61	P/L	
62	B/SS	
63	R/Y	
64	BR	
70	O	
71	G/R	
72	SHIELD	
73	G/O	
74	G/Y	
77	SB	
78	LG	
79	R/B	
90	W/B	
93	Y	

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 37

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	THB2FV-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
4	L	ITS COMM-H
5	B	GND
7	W/G	IGNITION
8	Y	ITS COMM-L

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
4	Y	-
7	B	-
8	Y/L	-
10	B	-
11	B	-
12	Y	-
13	SHIELD	-
14	B/Y	-
15	W/R	-
16	L/O	-
17	Y	-
20	W	-
22	SB	-
23	Y	-
24	SHIELD	-
25	Y/G	-
26	L	-
27	W/G	-
28	Y	-
29	L	-
30	B/SB	-
31	BR	-
32	B/R	-

Connector No.	R8
Connector Name	LANE CAMERA UNIT
Connector Type	THB8FV-NH



4	1
8	5

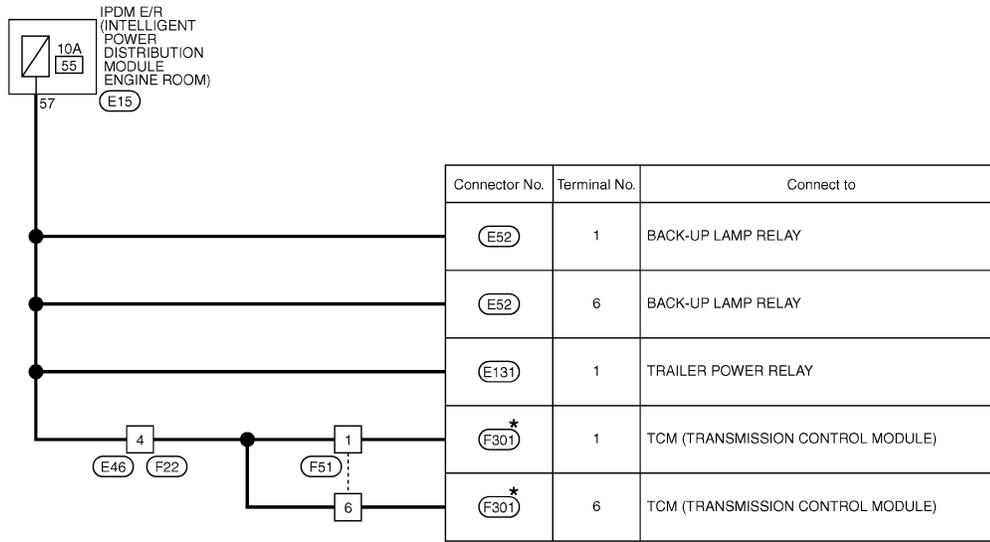
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 55 - IGNITION POWER SUPPLY FUSE No. 55

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*: This connector is not shown in "Harness Layout".

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE NO. 55

Connector No.	E15
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE
Connector Type	NS16FW-CS



53	52	51	50	49	48	47		
62	61	60	59	58	57	56	55	54

Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	R	-
50	LG/B	-
51	BR/Y	-
52	W	-
54	SB	-
55	O	-
56	L	-
57	V	-
58	BR/R	-
59	W/B	-
60	V/R	-
61	W	-
62	SB	-

Connector No.	E46
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	16

Terminal No.	Color of Wire	Signal Name [Specification]
1	B/Y	-
2	SHIELD	-
4	V	-
9	B/SB	-
10	L	-
11	W	-
14	SB	-
15	G	-

Connector No.	E32
Connector Name	BACK-UP LAMP RELAY
Connector Type	MOGFBR-R-LC



2	1
7	5
6	3

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	R	-
3	W/B	-
5	V/L	-
6	V	-
7	R/Y	-

Connector No.	E131
Connector Name	TRAILER POWER RELAY
Connector Type	MOGFBR-R-LC



2	1
7	5
6	3

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	B	-
3	Y	-
5	R	-
6	Y	-
7	L/W	-

Connector No.	F22
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



7	6	5	4	3	2	1		
16	15	14	13	12	11	10	9	8

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	SHIELD	-
4	V	-
9	B	-
10	L/W	-
11	W	-
14	SB	-
15	G	-

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	RK1DFG



5	4	3	2	1
10	9	8	7	6

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	P	-
3	L	-
4	SB	-
5	B	-
6	V	-
7	R	-
8	P	-
9	BR	-
10	B	-

Connector No.	F301
Connector Name	TOM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



1	2	3	4	5
6	7	8	9	10

Terminal No.	Color of Wire	Signal Name [Specification]
1	-	VIGN
2	-	BATT
3	-	CAN-H
4	-	K LINE
5	-	GND
6	-	VIGN
7	-	REV LAMP RLY
8	-	CAN-L
9	-	START RLY
10	-	GND

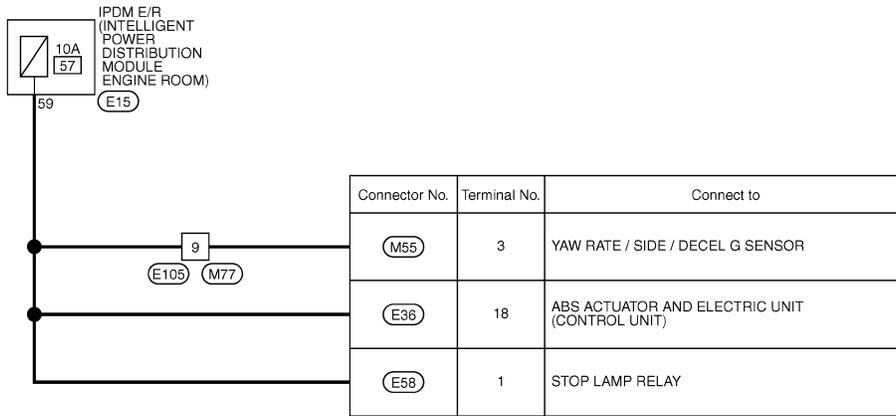
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 57 - IGNITION POWER SUPPLY FUSE No. 57

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2010/05/13

JCMWM8459GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

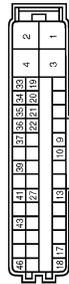
IGNITION POWER SUPPLY FUSE No. 57

Connector No.	E15
Connector Name	SWIRL FUEL INJECTION FUEL DISTRIBUTION MODULE
Connector Type	MS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	R	-
50	LG/B	-
51	BR/Y	-
52	W	-
53	SB	-
54	O	-
55	L	-
56	V	-
57	BR/R	-
58	W/B	-
59	V/R	-
60	W	-
61	W	-
62	SB	-

Connector No.	E36
Connector Name	AIS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	SAZ4FFB-SJZ4



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	BAT
2	B	GND
3	B	GND
4	W	MOTOR SUPPLY
9	R/B	YAW RATE / SIDE / DIESEL G SENSOR COMMUNICATION-H
10	P/B	YAW RATE / SIDE / DIESEL G SENSOR COMMUNICATION-L
13	GR	BRAKE FLUID LEVEL SW
17	L/R	STP2

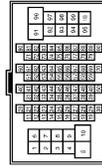
18	W/B	IGN
19	O	DS FR
20	SB	DP FL
21	R/Y	DS RR
22	V	DP RL
27	P	CAN-L
33	LG	DP FR
34	G	DS FL
35	BR	DP RR
36	P	DS RL
37	R	STP
39	L/W	VDC OFF SW
41	L	CAN-H
46	W	STOP LAMP SW ON

Connector No.	E58
Connector Name	STOP LAMP RELAY
Connector Type	MS02FL-MZ-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/B	-
2	W	-
3	L/B	-
5	R	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



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

3	R/B	-
4	L	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	L	-
11	L	-
12	P	-
13	P/B	-
14	BR	-
15	L/B	-
16	SB	-
17	P	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	Y/V	-
22	L	-
23	Y	-
24	L/W	-
26	L	-
27	L/W	-
28	O	-
29	R/W	-
30	L/B	-
31	Y	-
32	GR/R	-
34	Y	-
35	R	-
36	B/R	-
37	G/Y	-
38	G	-
40	SB	-
41	W/R	-
42	R	-
43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	R	-
63	G	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	G/R	-
97	R	-
98	G/B	-

100	W/R	-
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Connector No.	MS5
Connector Name	YAW RATE / SIDE / DIESEL G SENSOR
Connector Type	SAZ06FB



Terminal No.	Color of Wire	Signal Name [Specification]
3	W/B	IGN
4	P/B	YAW RATE / SIDE / DIESEL G SENSOR COMMUNICATION-H
5	P/B	YAW RATE / SIDE / DIESEL G SENSOR COMMUNICATION-L
6	B	GND

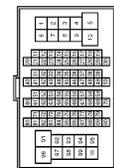
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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IGNITION POWER SUPPLY FUSE No. 57

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FN-CS16-TM4



42	R	--
43	V	--
51	L/O	--
52	BR/W	--
53	BR/Y	--
54	GR/L	--
60	W	--
61	B	--
62	G	--
63	R	--
64	SHIELD	--
91	BR	--
92	L/W	--
94	Y/B	--
95	L/R	--
97	R	--
98	O/L	--
100	W/B	--

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	--
2	L/W	--
3	R/B	--
4	L	--
5	Y	--
7	W/G	--
8	P/B	--
9	W/B	--
10	L	--
11	L	--
12	P	-- [With ICC] -- [Without ICC]
13	P/B	--
14	BR	--
15	O/L	--
16	SB	--
17	P	--
18	BR	--
19	Y/G	--
20	BR/Y	--
21	Y	--
22	Y	--
23	Y	--
24	L/W	--
26	L	--
27	L/W	--
28	O	--
29	R/W	--
30	O/L	--
31	Y	--
32	GR/R	--
34	Y	--
35	R	--
36	B/O	--
37	G/Y	--
38	G	--
40	SB	--
41	W/R	--

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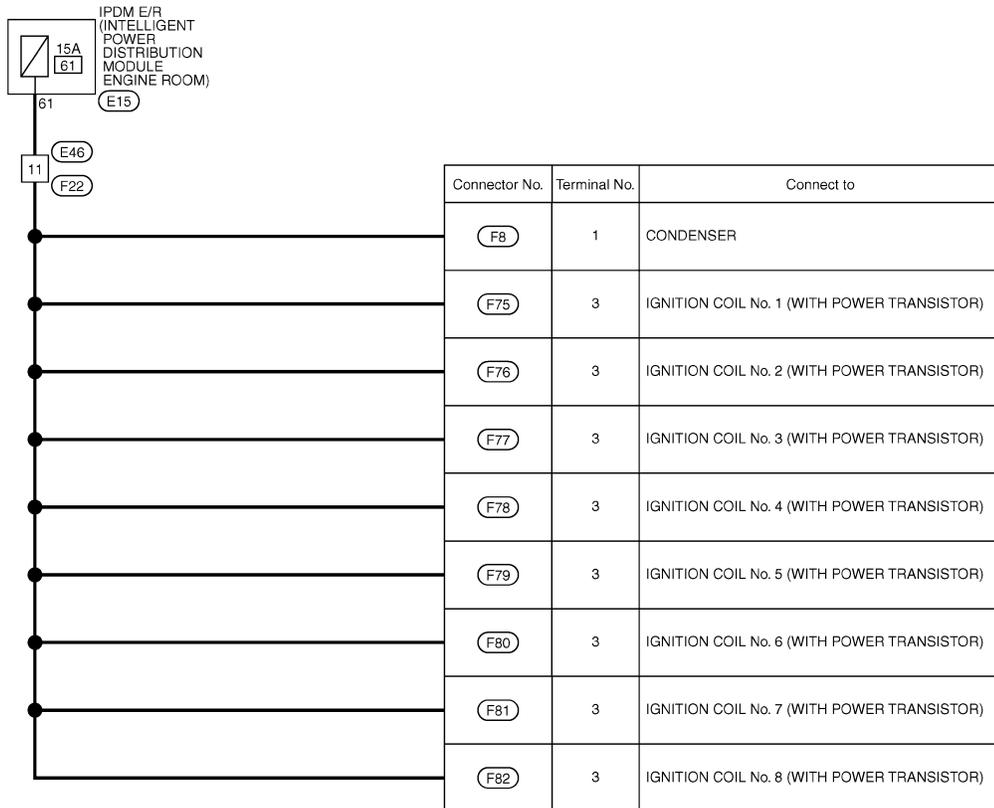
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 61 -

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IGNITION POWER SUPPLY FUSE No. 61



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 61

Connector No.	E13
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE
Connector Type	NS16FW-CS



53	52	51	50	49	48	47		
62	61	60	59	58	57	56	55	54

Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	R	-
50	LG/B	-
51	BR/Y	-
52	W	-
54	SB	-
55	O	-
56	L	-
57	V	-
58	BR/R	-
59	W/B	-
60	V/R	-
61	W	-
62	SB	-

Connector No.	E48
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	16

Terminal No.	Color of Wire	Signal Name [Specification]
1	B/Y	-
2	SHIELD	-
4	V	-
9	B/SB	-
10	L	-
11	W	-
14	SB	-
15	G	-

Connector No.	F8
Connector Name	CONDENSER
Connector Type	M02FW-GY-LC



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

Connector No.	F22
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



7	6	5	4	3	2	1		
16	15	14	13	12	11	10	9	8

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	SHIELD	-
4	V	-
9	B	-
10	L/W	-
11	W	-
14	SB	-
15	G	-

Connector No.	F75
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



1	2	3
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Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	B	-
3	W	-

Connector No.	F76
Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



1	2	3
---	---	---

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

Connector No.	F77
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



1	2	3
---	---	---

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

1	BR/Y	-
2	B	-
3	W	-



1	2	3
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Connector No.	F78
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS

Terminal No.	Color of Wire	Signal Name [Specification]
1	LG/R	-
2	B	-
3	W	-



1	2	3
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Connector No.	F79
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



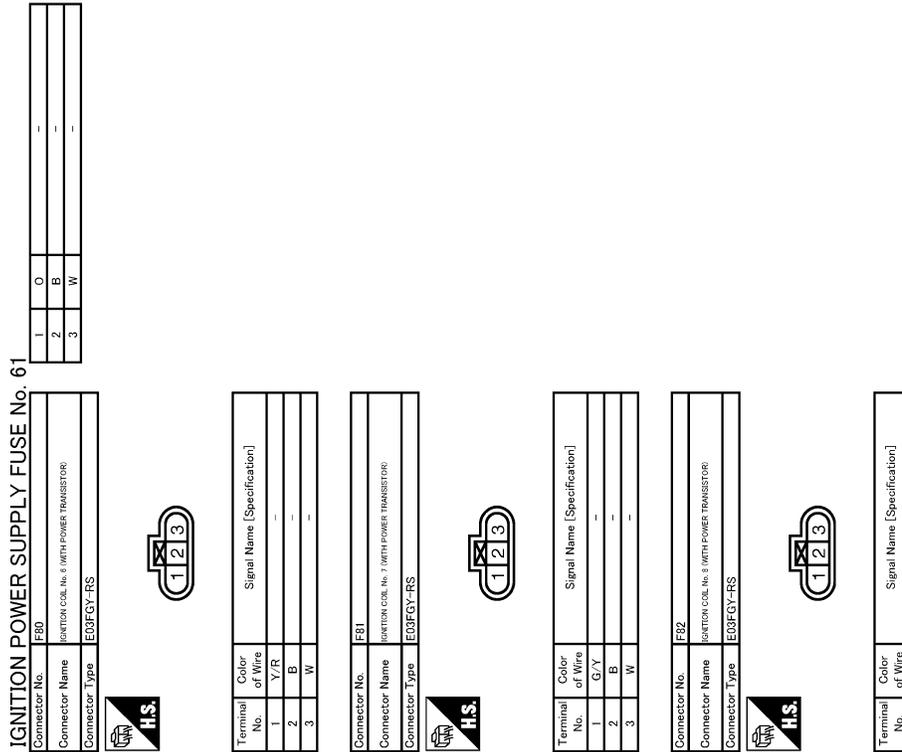
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Terminal No.	Color of Wire	Signal Name [Specification]
1	P/L	-
2	B	-
3	W	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



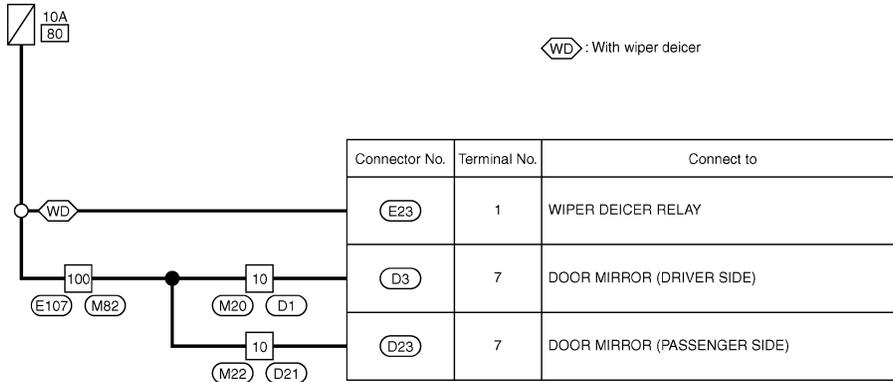
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 80 - IGNITION POWER SUPPLY FUSE No. 80

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 80

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH4DFW-CS15

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
14	13	12	11	10	9	8	7	6	5	4	3	2	1	



Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH2AMW-NH

12	11	10	9	8	7	6	5	3	2	1
24	23	22	21	20	19	18	17	14		



52	LG/B
53	Y
54	B
55	R

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH4DFW-CS15

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
14	13	12	11	10	9	8	7	6	5	4	3	2	1	



Connector No.	D23
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH2AMW-NH

12	11	10	9	8	7	6	5	4	3	2
24	23	22	21	20	19	18	17	14		



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	W	-
3	V	-
4	Y	-
5	LG/R	-
6	BR/W	-
8	V	-
9	G	-
10	L	-
11	L/O	-
13	Y	-
14	R	-
15	B	-
18	B	-
19	R	-
20	P	-
22	V	-
23	P/B	-
25	BR/W	-
26	W/R	-
28	W/G	-
33	V/W	-
36	W/B	-
37	BR/L	-
38	SB	-
40	W/L	-
41	Y/G	-
42	P/L	-
43	LG	-
44	SHIELD	-
45	G	-
46	W	-
47	O	-
48	G/W	-
49	Y	-
50	L/Y	-
51	GR/R	-

Terminal No.	Color of Wire	Signal Name [Specification]
2	BR/W	-
3	W	-
5	Y	-
6	R	-
7	L	-
8	O	-
9	W/B	-
10	SB	-
11	BR/Y	-
12	L/W	-
14	P	-
17	G	-
18	B	-
19	B	-
20	G	-
21	L/Y	-
22	G/W	-
23	W/L	-
24	Y	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	W	-
3	V	-
5	P/L	-
6	L/R	-
8	L/W	-
9	G/Y	-
10	L	-
11	L/O	-
13	L	-
14	R	-
15	B	-
18	B/W	-
19	R	-
20	P	-
22	Y/R	-
23	LG/B	-
25	R/W	-
26	W/R	-
36	G/O	-
37	Y/B	-
38	V	-
39	W/L	-
40	L/O	-
44	SHIELD	-
45	Y	-
46	W	-
47	LG	-
48	L/R	-
49	Y	-
50	R/B	-
52	LG	-
53	G	-
54	B	-
55	R	-

Terminal No.	Color of Wire	Signal Name [Specification]
2	R/W	-
3	W	-
4	LG	-
5	Y	-
6	R	-
7	L	-
8	LG	-
9	G/O	-
10	V	-
11	Y/B	-
12	L/O	-
14	P	-
17	G	-
18	B	-
19	B	-
20	G/Y	-
21	R/B	-
22	L/R	-
23	W/L	-
24	Y	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

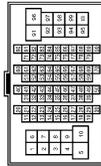
IGNITION POWER SUPPLY FUSE No. 80

Connector No.	E23
Connector Name	WIPER DEICER RELAY
Connector Type	MS22FL-MZ-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	B	
3	O	
4	W	
5	W	

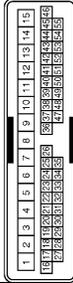
Connector No.	E107
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS18-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
4	V/W	
5	G/R	
6	P	
9	GR/L	
10	Y/R	
11	L/R	
12	W/G	
13	BR/Y	
14	LG	
15	BR/W	
17	W/B	
18	GR/R	
20	W/R	
21	B	
22	R/L	
23	G/R	
24	R/W	

Terminal No.	W/L
25	W/L
26	R
27	L
28	G/B
37	G/Y
38	O
40	W
41	R
42	B
43	Y
44	G
45	SHIELD
46	G/O
47	G/R
48	SHIELD
49	W
50	SHIELD
51	Y/R
52	GB
53	LG/B
54	LG/R
55	R/G
56	B/R
57	SB
60	G
61	B
62	W
63	R
64	SHIELD
65	L/Y
66	V
67	B/W
91	G/R
95	SR
96	G/R
97	GR/L
98	G/W
99	R/Y
100	L

Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	W	
3	W	
4	Y	
5	LG/R	
8	BR/W	
9	G	
10	L	
11	L/O	
13	Y	
14	R	
15	B	
18	B	
19	R	
20	P	
22	V	
23	P/B	
25	BR/W	
26	W/R	
28	W/G	
29	V/W	
33	W/B	
37	BR/Y	
38	SB	
39	W/L	
40	L/W	
41	Y/G	
42	P/L	
43	LG	
44	SHIELD	
45	G	
46	W	
47	O	
48	G/W	
49	Y	
50	L/Y	
51	GR/R	

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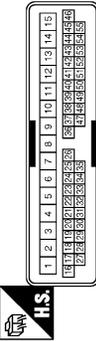
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POWER SUPPLY ROUTING CIRCUIT

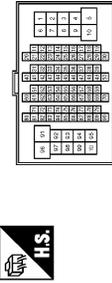
< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 80

Connector No.	M22
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	TH8CFW-CS16-TM4



53	LG/B	-
54	LG/R	-
55	R/G	-
56	B/O	-
57	SB	-
60	G	-
61	B	-
62	W	-
63	R	-
64	SHIELD	-
65	L/Y	-
66	V	-
67	B/W	-
91	G/R	-
95	SB	-
96	G/R	-
97	GR/L	-
98	G/W	-
99	P	-
100	L	-

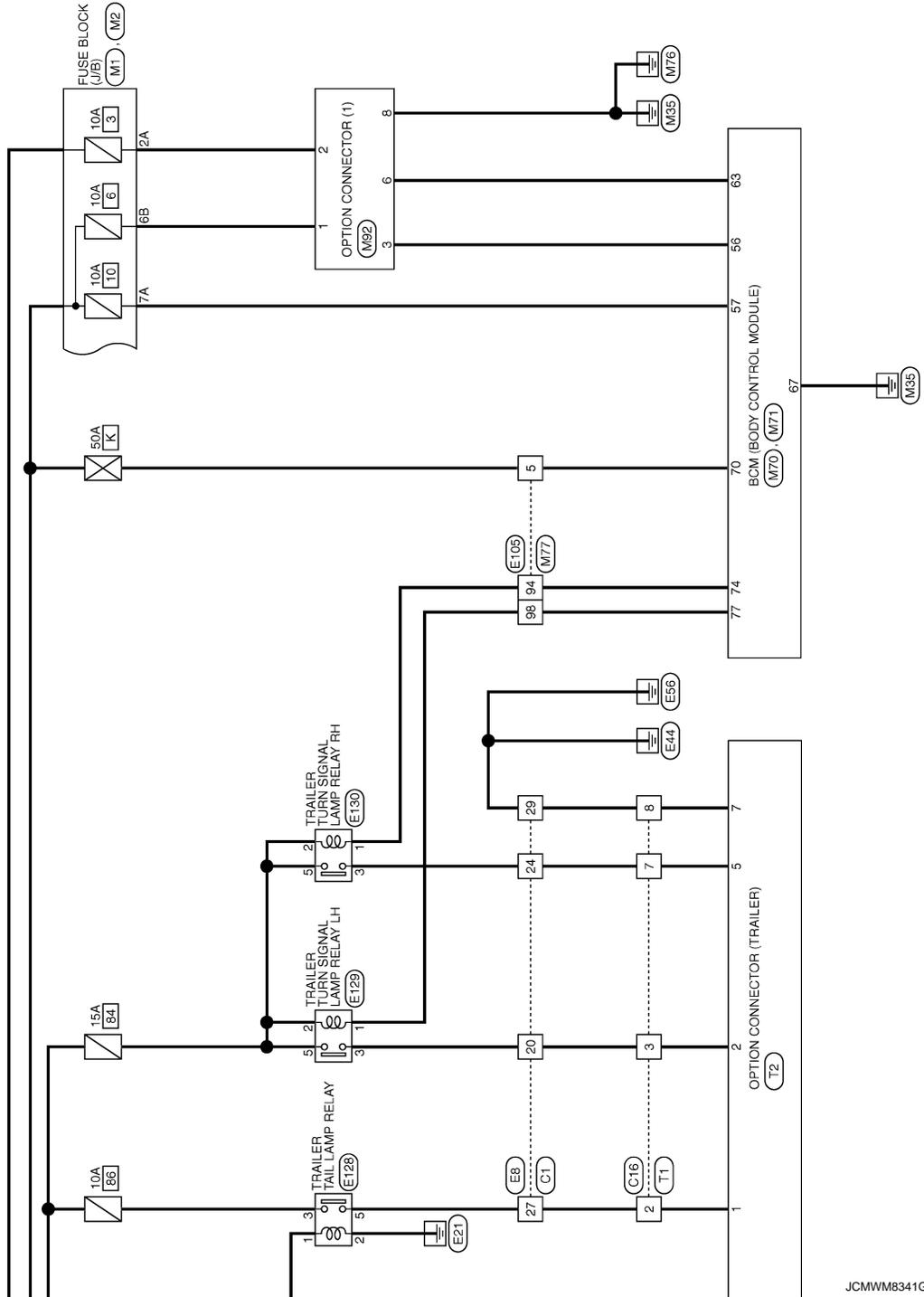
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	W	-
4	V/W	-
5	G/R	-
6	P	-
9	GR/L	-
10	Y/R	-
11	L/R	-
12	W/G	-
13	BR/Y	-
14	LG	-
15	BR/W	-
17	W/B	-
18	GR/R	-
20	W/R	-
21	B	-
22	R/L	-
23	G/R	-
24	R/W	-
25	W/L	-
26	W/R	-
27	L	-
28	B/SB	-
37	G/Y	-
38	G/Y	-
39	O	-
40	W	-
41	R	-
42	B	-
43	Y	-
44	G	-
45	SHIELD	-
46	G/O	-
47	G/R	-
48	SHIELD	-
49	W	-
50	SHIELD	-
51	Y/R	-
52	GR	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
4	V/W	-
5	G/R	-
6	P	-
9	GR/L	-
10	Y/R	-
11	L/R	-
12	W/G	-
13	BR/Y	-
14	LG	-
15	BR/W	-
17	W/B	-
18	GR/R	-
20	W/R	-
21	B	-
22	R/L	-
23	G/R	-
24	R/W	-
25	W/L	-
26	R	-
27	L	-
28	B/SB	-
37	G/Y	-
38	G/Y	-
39	O	-
40	W	-
41	R	-
42	B	-
43	Y	-
44	G	-
45	SHIELD	-
46	G/O	-
47	G/R	-
48	SHIELD	-
49	W	-
50	SHIELD	-
51	Y/R	-
52	GR	-

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OPTION HARNESS

< WIRING DIAGRAM >



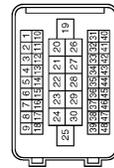
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OPTION HARNESS

< WIRING DIAGRAM >

OPTION HARNESS

Connector No.	C1
Connector Name	WIRE TO WIRE
Connector Type	SAA30FE-RS10-SJZ2



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	SB	-
3	L/Y	-
4	R	-
5	V	-
6	P	-
7	BR/Y	-
8	BR/Y	-
9	BR/Y	-
10	BR/Y	-
11	Y/V	-
12	V/W	-
14	Y/L	-
17	BR	-
18	R/O	-
20	G/W	-
22	L/W	-
23	B	-
24	Y/G	-
25	R	-
26	SB	-
27	R/G	-
28	V	-
29	B	-
40	LG/R	-
41	R/G	-
42	B/R	-

Connector No.	C16
Connector Name	WIRE TO WIRE
Connector Type	RS08MGY-FR



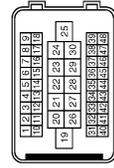
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	R/G	-
3	G/W	-
5	Y/L	-
6	R	-
7	Y/G	-
8	B	-

Connector No.	E7
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L/O	-
4	LG	-
5	W/L	-
6	G/O	-
7	L/R	-
8	LG/R	-
14	R	-
16	SB	-
17	R/W	-
18	Y/G	-
19	BR/Y	-
20	P/B	-
21	R/B	-
22	Y	-
23	BR	-
24	P/L	-
29	P	-
30	BR	-
31	L	-
32	P	-

Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	SAA30ME-RS10-SJZ2



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	SB	-
4	L/Y	-
5	R	-
8	V	-
9	P	-
10	BR/Y	-
11	Y/V	-
12	V/W	-
14	Y/L	-
17	BR	-
18	R/Y	-
20	G/W	-
22	L/W	-
23	B	-
24	Y/G	-
25	R	-
26	SB	-
27	R/G	-
28	V	-
29	B	-
40	LG/R	-
41	R/G	-
42	B/R	-

Connector No.	E14
Connector Name	SPOLE R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS12FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
35	W	-
36	V	-
37	L	-
38	Y	-
39	L/B	-
41	L/G	-
42	L	-
43	LG	-
44	L/W	-
45	Y/R	-
46	L/W	-

Connector No.	E15
Connector Name	SPOLE R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	R	-
50	LG/B	-
51	BR/Y	-
52	W	-
54	SB	-
55	O	-
56	L	-
57	V	-
58	BR/R	-
59	W/B	-
60	V/R	-
61	W	-
62	SB	-

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OPTION HARNESS

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OPTION HARNESS

Connector No.	E102
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS02FL-M2-LC



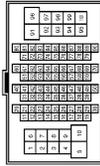
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	R	-
3	W/B	-
5	Y/L	-
6	V	-
7	R/Y	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	W/B	-
2F	R	-
4F	GR	-
8F	Y/G	-
9F	Y	-
10F	G	-
14F	Y	-
15F	L	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TR8GMH-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	L/W	-
3	R/B	-
4	L	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	L	-
11	L	-
12	P	-
13	P/B	-
14	BR	-
15	L/B	-
16	SB	-
17	P	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	Y/V	-
22	L	-
23	Y	-
24	L/W	-
25	L	-
26	L/W	-
27	L/W	-
28	O	-
29	R/W	-
30	L/B	-
31	Y	-
32	GR/R	-
34	Y	-
35	R	-
36	B/R	-
37	G/Y	-
38	G	-
40	SB	-
41	W/R	-
42	R	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	B	-
3	BR	-
5	R/G	-

Connector No.	E129
Connector Name	TRAILER TURN SIGNAL LAMP RELAY LH
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/B	-
2	L	-
3	G/W	-
5	L	-

Connector No.	E130
Connector Name	TRAILER TURN SIGNAL LAMP RELAY RH
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/B	-
2	L	-
3	Y/G	-
5	L	-

43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	R	-
63	G	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	G/R	-
97	R	-
98	G/B	-
100	W/R	-

Connector No.	E115
Connector Name	STOP LAMP SWITCH
Connector Type	MS04FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/B	-
2	R	-
3	G	-
4	L/R	-

Connector No.	E128
Connector Name	TRAILER TAIL LAMP RELAY
Connector Type	MS02FL-M2-LC



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OPTION HARNESS

< WIRING DIAGRAM >

OPTION HARNESS

Connector No.	E131
Connector Name	TRAILER POWER RELAY
Connector Type	M08FBR-R-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	B	-
3	Y	-
5	R	-
6	Y	-
7	L/W	-

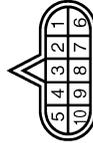
Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	TH2FV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L/O	-
4	LG	-
5	W/L	-
6	G/O	-
7	L/R	-
8	LG/R	-
14	R	-
16	SB	-
17	R/W	-
18	Y/G	-
19	BR/Y	-
20	P/B	-
21	R/B	-
22	Y	-

23	BR/W	-
24	P/L	-
25	P	-
30	BR	-
31	L	-
32	P	-

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	RK1DFG



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	P	-
3	L	-
4	SB	-
5	B	-
6	V	-
7	R	-
8	P	-
9	BR	-
10	B	-

Connector No.	F301
Connector Name	TGM (TRANSMISSION CONTROL MODULE)
Connector Type	SP1DFG



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	VIGN
2	-	BATT
3	-	CAN-H
4	-	K LINE

5	-	GND
6	-	VIGN
7	-	REV LAMP RLY
8	-	CAN-L
9	-	START RLY
10	-	GND

Connector No.	M1
Connector Name	FUSE BLOCK (U/B)
Connector Type	NS08FW-MZ



Terminal No.	Color of Wire	Signal Name [Specification]
1A	Y	-
2A	GR	-
3A	W	-
4A	Y/G	-
5A	V	-
6A	L/W	-
7A	LG	-
8A	W	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
3B	R	-
4B	B	-
5B	BR	-
6B	Y	-
7B	G	-

8B	L/O	-
10B	W/B	-

Connector No.	M70
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHAG-SA



Terminal No.	Color of Wire	Signal Name [Specification]
56	W/R	INT ROOM LAMP PWR SPLY
57	LG	BAT FUSE
59	G	PASSENGER DOOR UNLK OUTPUT
60	G	TURN SIGNAL LH OUTPUT
61	G/Y	TURN SIGNAL RH OUTPUT
62	R	STEP LAMP CONT
63	BR	ROOM LAMP TIMER CONT
64	GR/R	CRANKING REQUEST
65	R	ALL DOOR LOCK OUTPUT
66	V	DR DOOR FUEL LID UNLK OUTPUT
67	B	GND
68	Y	PW PWR SPLY (IGN)
69	W	PW PWR SPLY (BAT)
70	Y	BAT (F/L)

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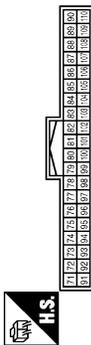
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OPTION HARNESS

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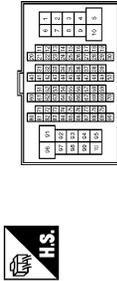
OPTION HARNESS

Connector No.	M71
Connector Name	BCM BODY CONTROL MODULE
Connector Type	TH407V-NH



Terminal No.	Color of Wire	Signal Name [Specification]
72	P	PUDDLE LAMP CONT
73	W	ON IND
74	Y/B	TRAILER TURN SIG RH CONT
75	LG/R	DRIVER DOOR REQUEST SW
76	P/L	PASSENGER DOOR REQUEST SW
77	O/L	TRAILER TURN SIG LH CONT
78	P/B	DRIVER DOOR ANT+
79	Y	DRIVER DOOR ANT-
80	LG/B	PASSENGER DOOR ANT+
81	Y/R	PASSENGER DOOR ANT-
82	W/G	BACK DOOR ANT+
83	B/W	BACK DOOR ANT-
84	BR	ROOM ANT1+
85	Y	ROOM ANT1-
86	W	ROOM ANT2+
87	B	ROOM ANT2-
88	V	LAGGAGE ROOM ANT+
89	G	LAGGAGE ROOM ANT-
90	Y	PUSH-BTN IGN SW ILL PWR
91	O	LOCK IND
92	L	LOW SIDE PUSH LED
93	GR/R	H-KEY WARN BUZZER
94	Y/G	S/L UNIT COMAN
95	W	S/L UNIT PWR SPLY
96	BR	ACC RELAY CONT
97	R/W	STARTER RELAY CONT
98	O	IGN RELAY (F/B) CONT
99	R	IGN RELAY (E/R) CONT
100	SB	PUSH SW
101	W/B	IGN PWR SPLY 2
102	BR	SHIFT N/P
104	R/B	A/T SHIFT SELECT PWR SPLY
105	O/L	STOP LAMP SW 2
106	Y/G	BLWR FAN MTR RELAY CONT
107	L	S/L CONDITION1
108	P	S/L CONDITION2
109	L/W	ACC IND

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS (6-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L/W	
3	R/B	
4	L	
5	Y	
7	W/G	
8	P/B	
9	W/B	
10	L	
11	L	
12	P	
13	P/B	
14	BR	
15	O/L	
16	SB	
17	P	
18	BR	
19	Y/G	
20	BR/Y	
21	V	
22	L	
23	Y	
24	L/W	
26	L	
27	L/W	
28	O	
29	R/W	
30	O/L	
31	Y	
32	GR/R	
34	Y	
35	R	
36	B/O	
37	G/Y	
38	G	
40	SB	
41	W/R	

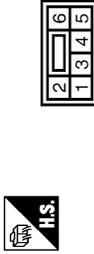
Terminal No.	Color of Wire	Signal Name [Specification]
42	R	
43	V	
51	L/O	
52	BR/W	
53	BR/Y	
54	GR/L	
61	W	
62	G	
63	R	
64	SHIELD	
91	BR	
92	L/W	
94	Y/B	
95	L/R	
97	R	
98	O/L	
100	W/B	

Connector No.	M92
Connector Name	OPTION CONNECTOR (1)
Connector Type	TH68MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	GR	
3	W/R	
6	Y/L	
8	B	

Connector No.	M140
Connector Name	OPTION CONNECTOR (ELECTRIC FRAME)
Connector Type	NS30FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	R	
3	L/W	
4	L/W	
5	R	

Connector No.	TI
Connector Name	WIRE TO WIRE
Connector Type	RS30FGY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	
2	R/G	
3	G/W	
6	R	
7	Y/B	
8	B	

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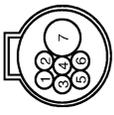
OPTION HARNESS

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OPTION HARNESS

Connector No.	12
Connector Name	OPTION CONNECTOR (TRAILER)
Connector Type	DELPHI 1329463

Terminal No.	Color of Wire	Signal Name [Specification]
1	R/G	-
2	G/W	-
3	R	-
4	Y/L	-
5	Y/B	-
6	L/W	-
7	B	-

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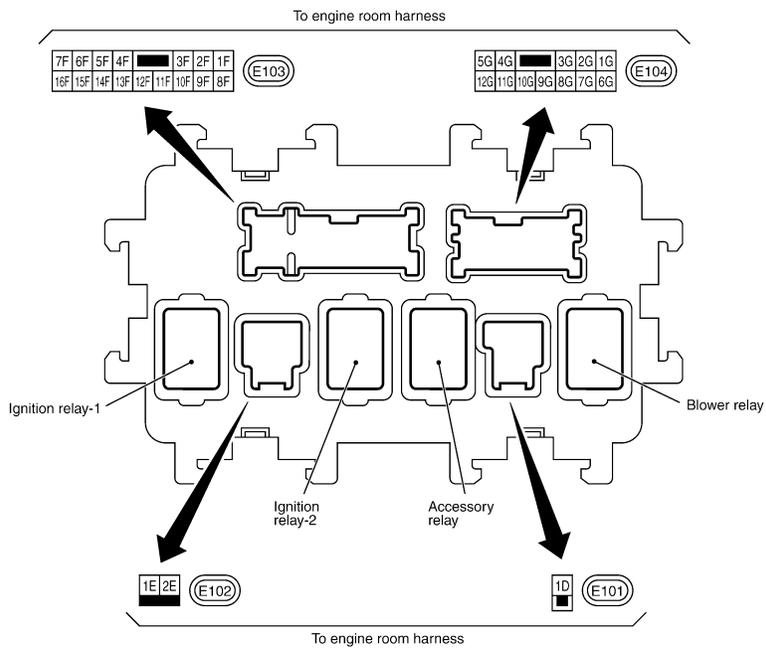
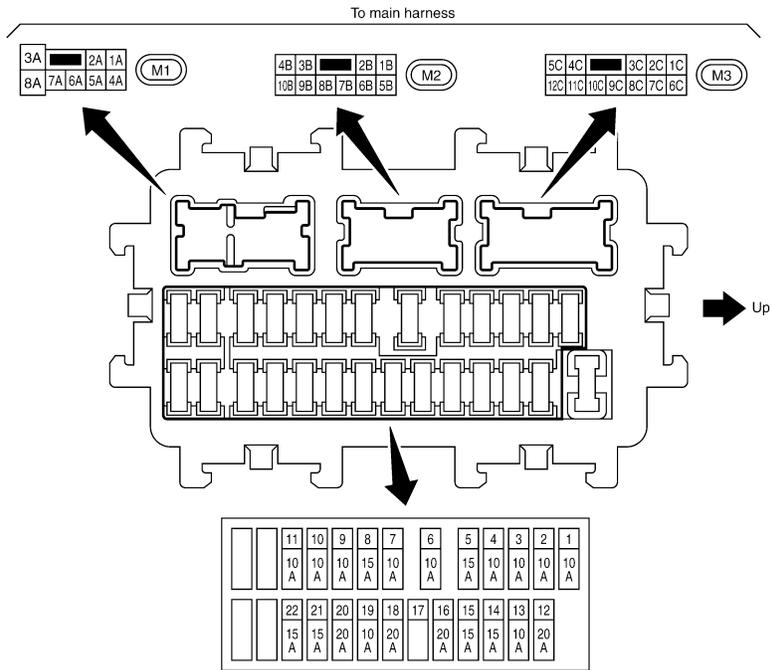
FUSE BLOCK - JUNCTION BOX (J/B)

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FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

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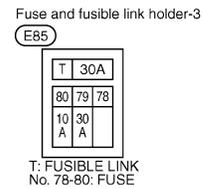
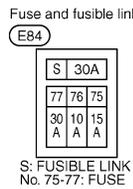
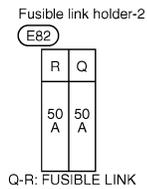
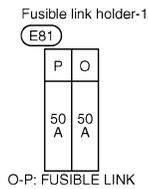
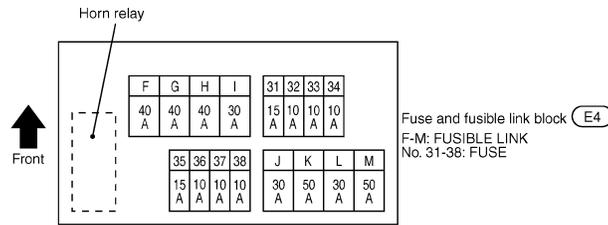
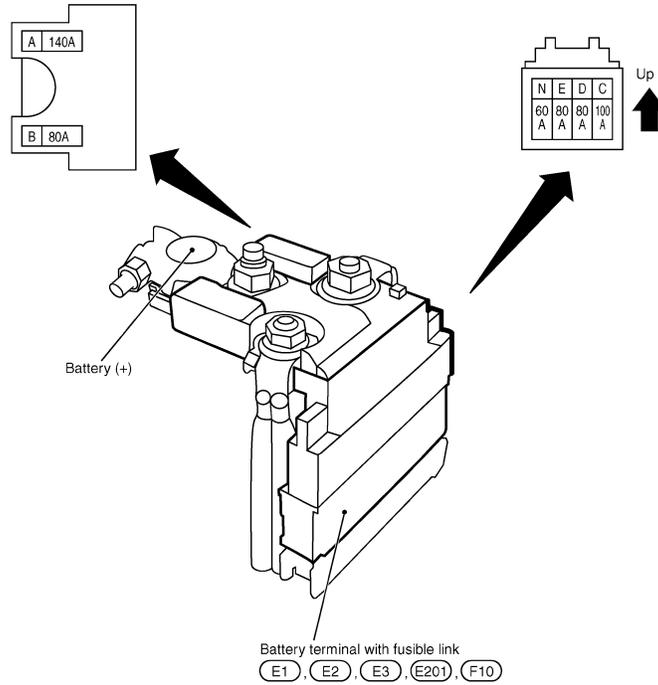
FUSE, FUSIBLE LINK AND RELAY BOX

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FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

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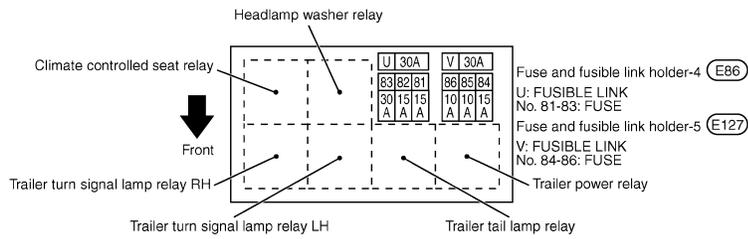
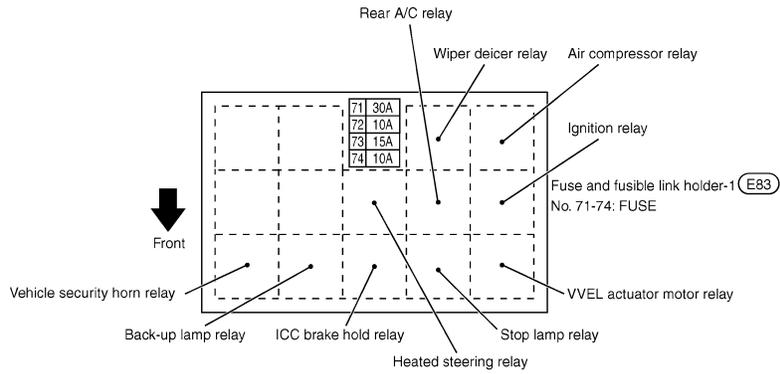


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FUSE, FUSIBLE LINK AND RELAY BOX

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HARNESS LAYOUT

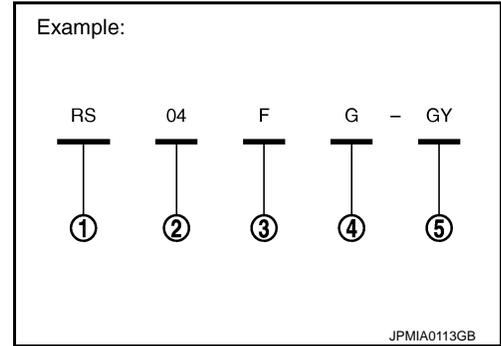
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HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000006288672

- 1 : Connector model
- 2 : Cavity
- 3 : Male (M) and female (F) terminals
- 4 : Connector color
- 5 : Special type



CONNECTOR SYMBOL

Main symbols of connector (in Harness Layout) are indicated in the below.

Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
Connector symbol				
Ground terminal etc.	—			

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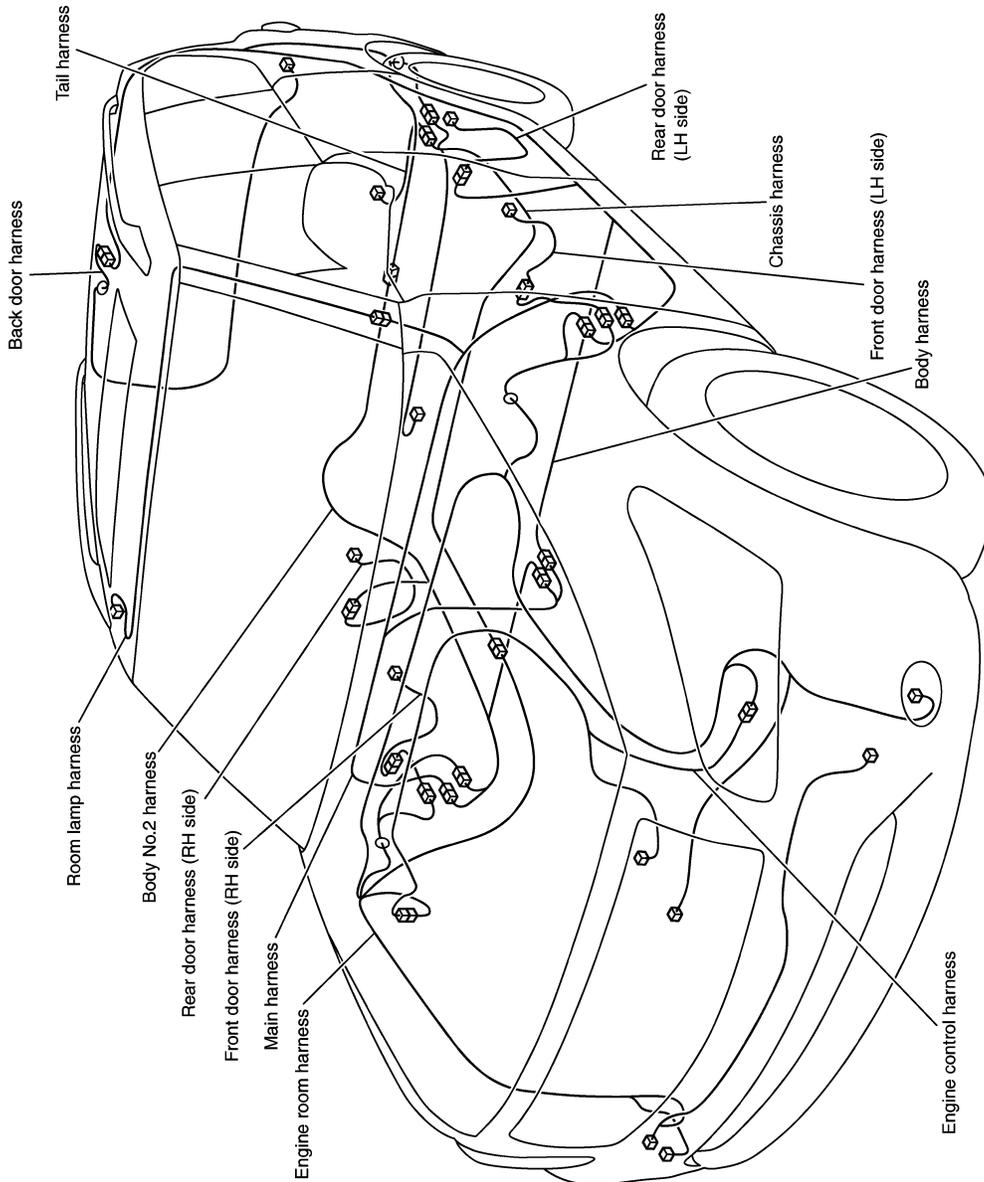
HARNESSES LAYOUT

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Outline

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OUTLINE



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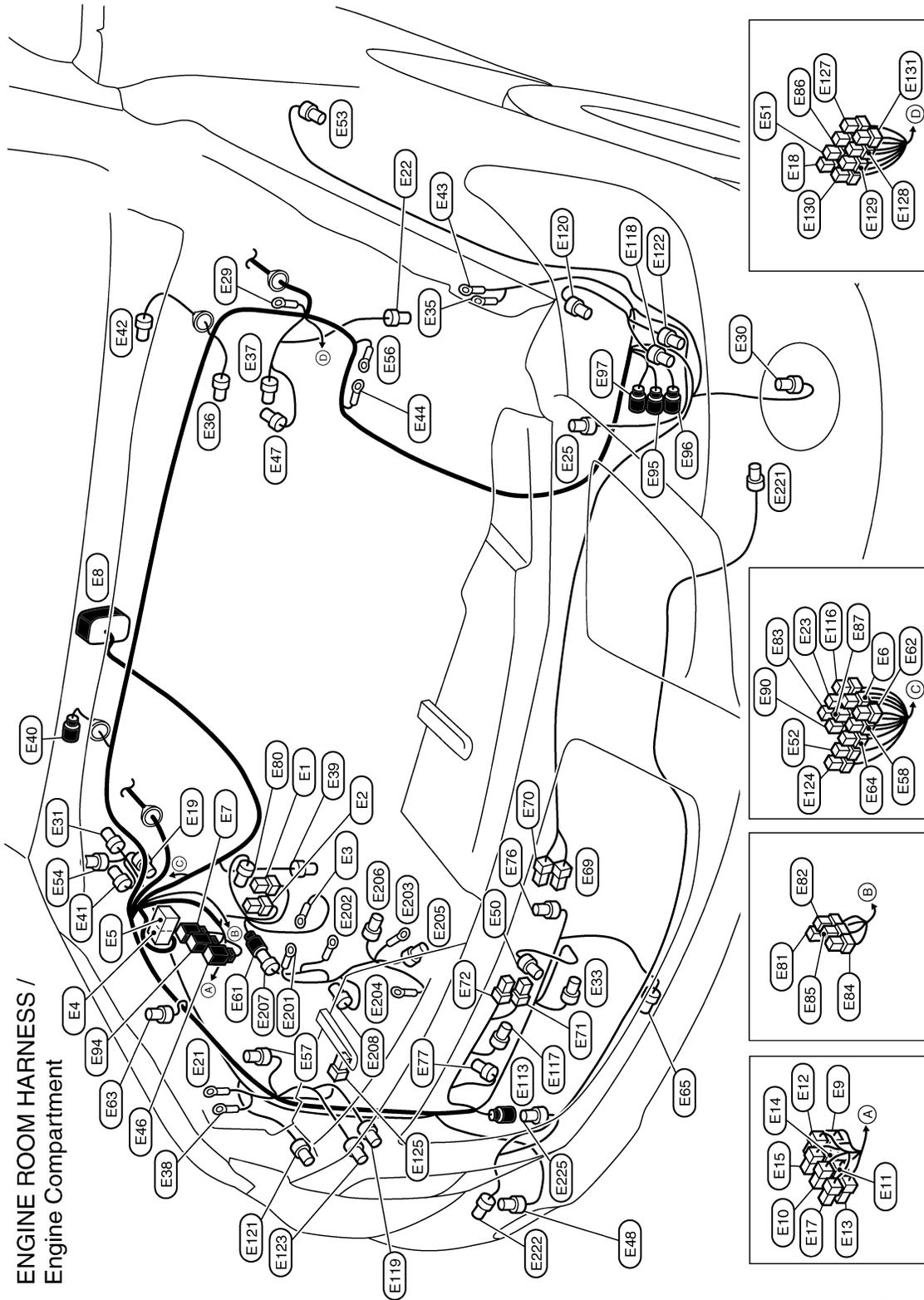
HARNES LAYOUT

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Engine Room Harness

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ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

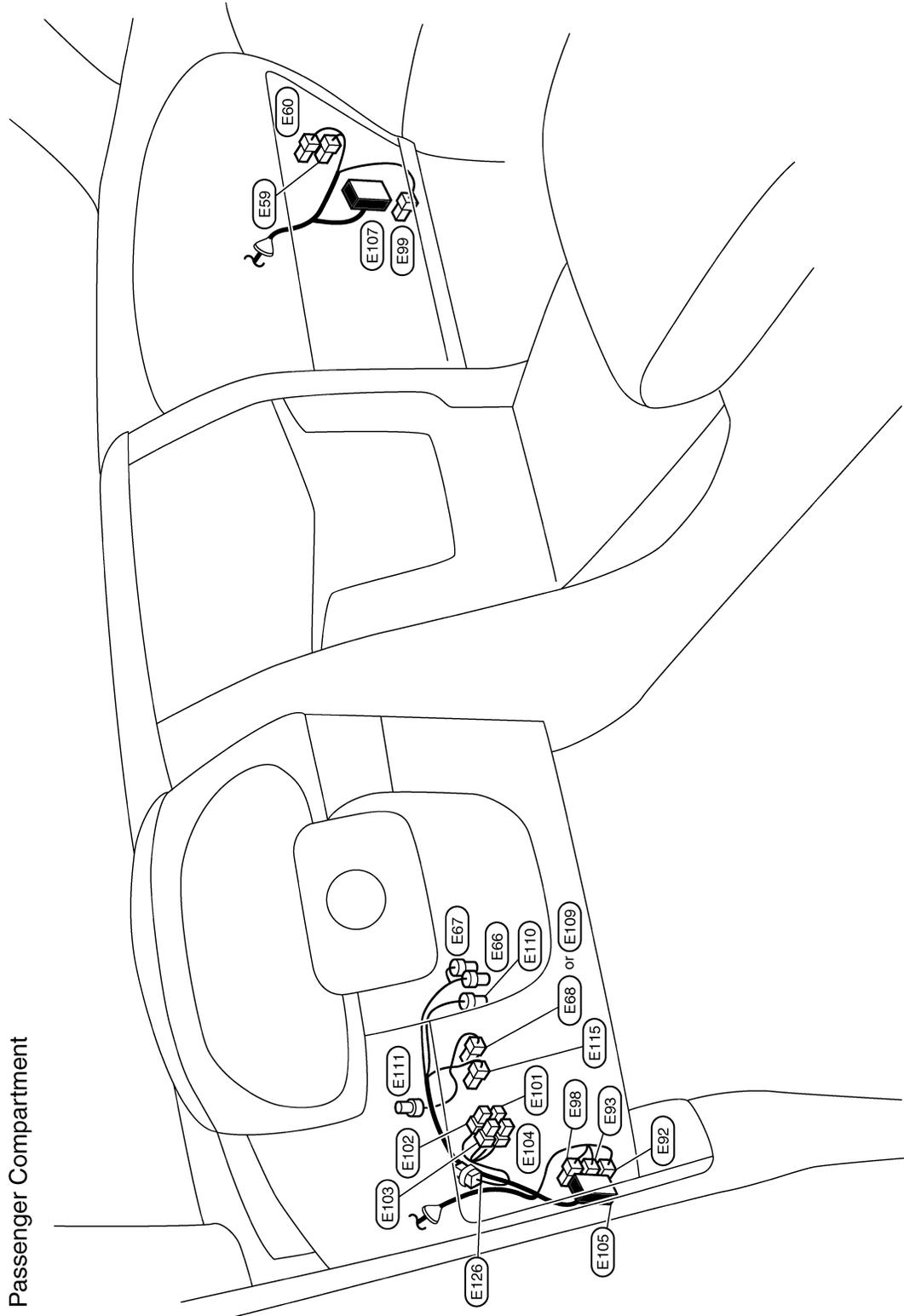
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PASSENGER COMPARTMENT



Passenger Compartment

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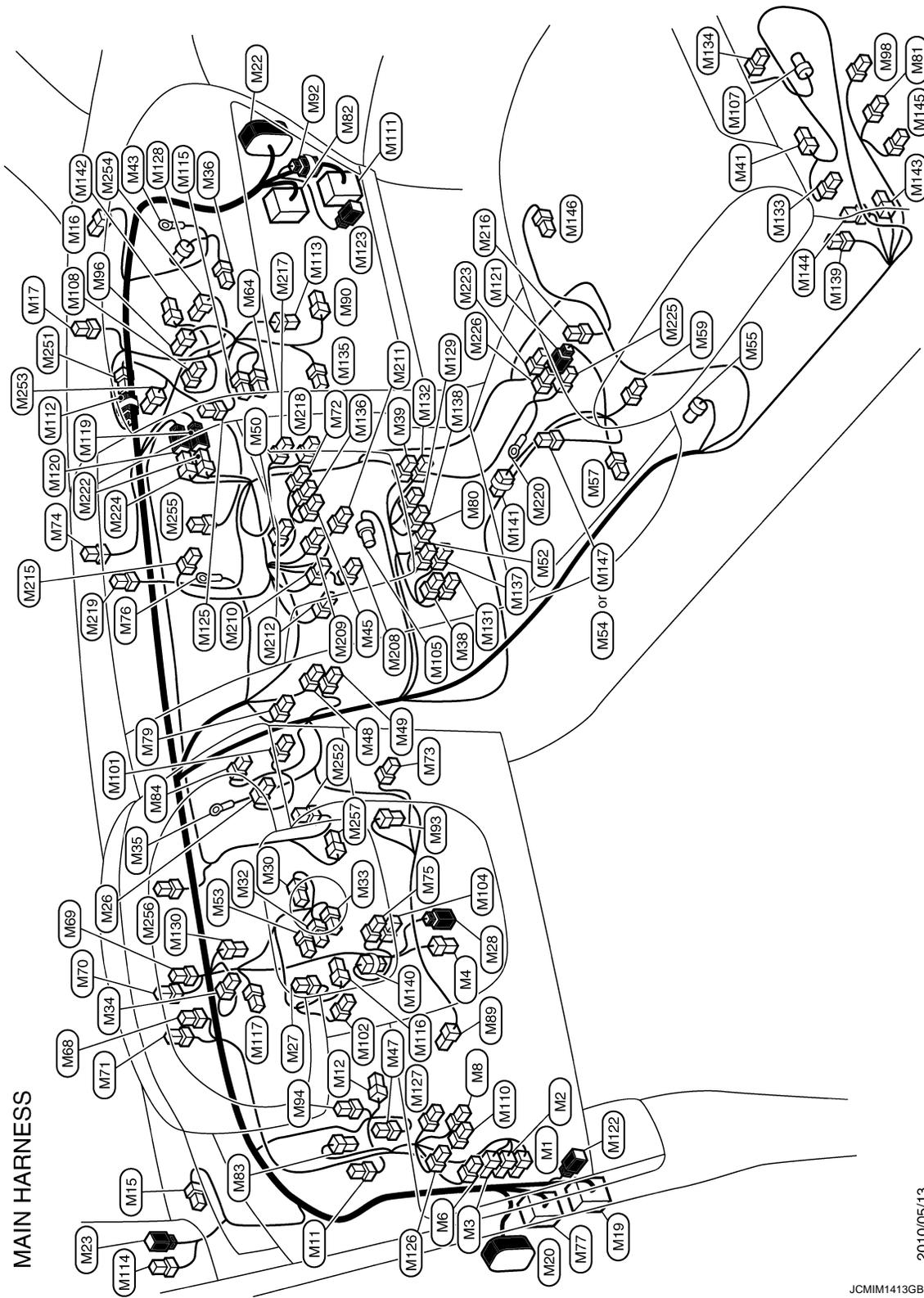
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HARNES LAYOUT

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Main Harness

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MAIN HARNESS

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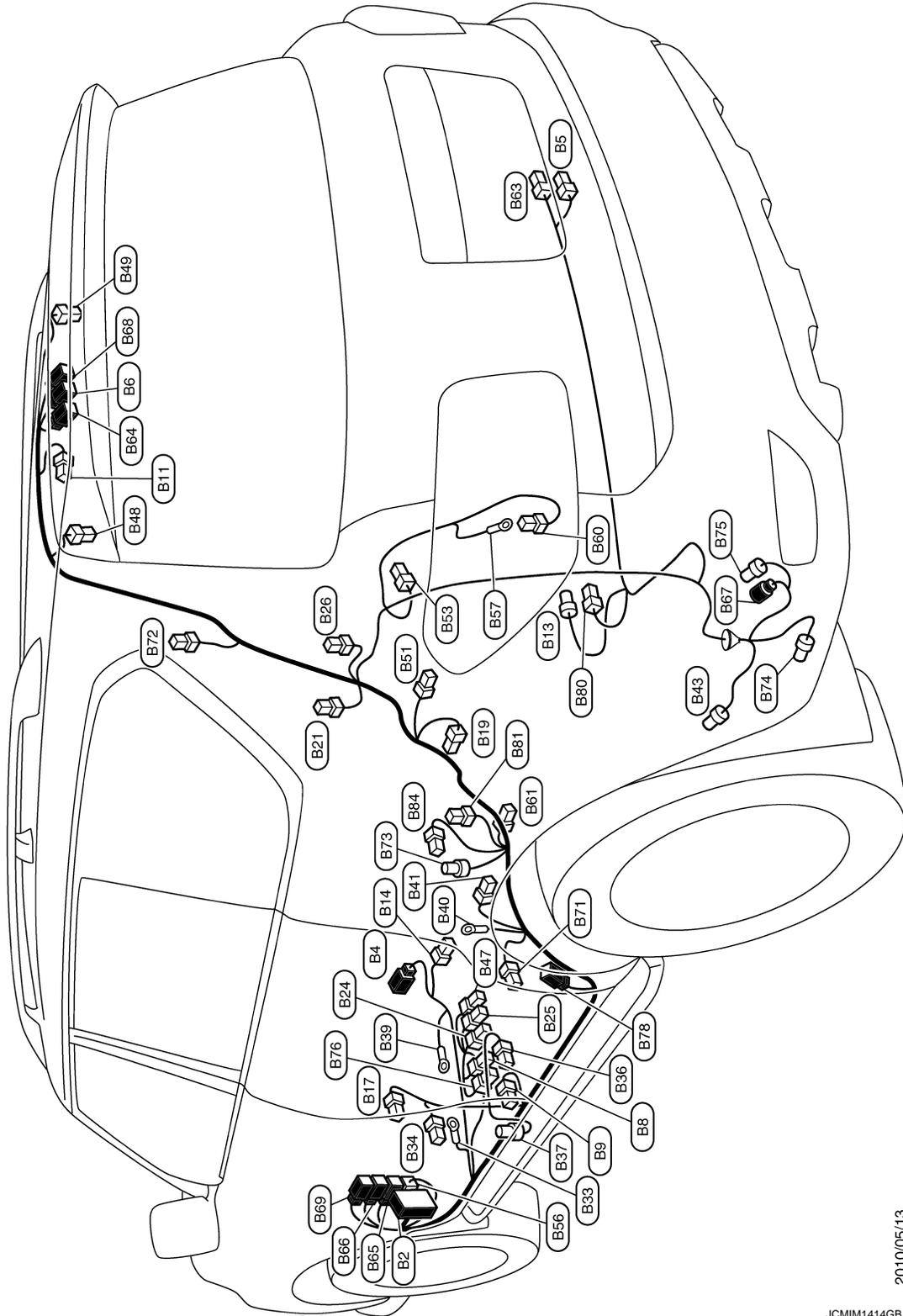
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Body Harness

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BODY HARNESS

BODY HARNESS



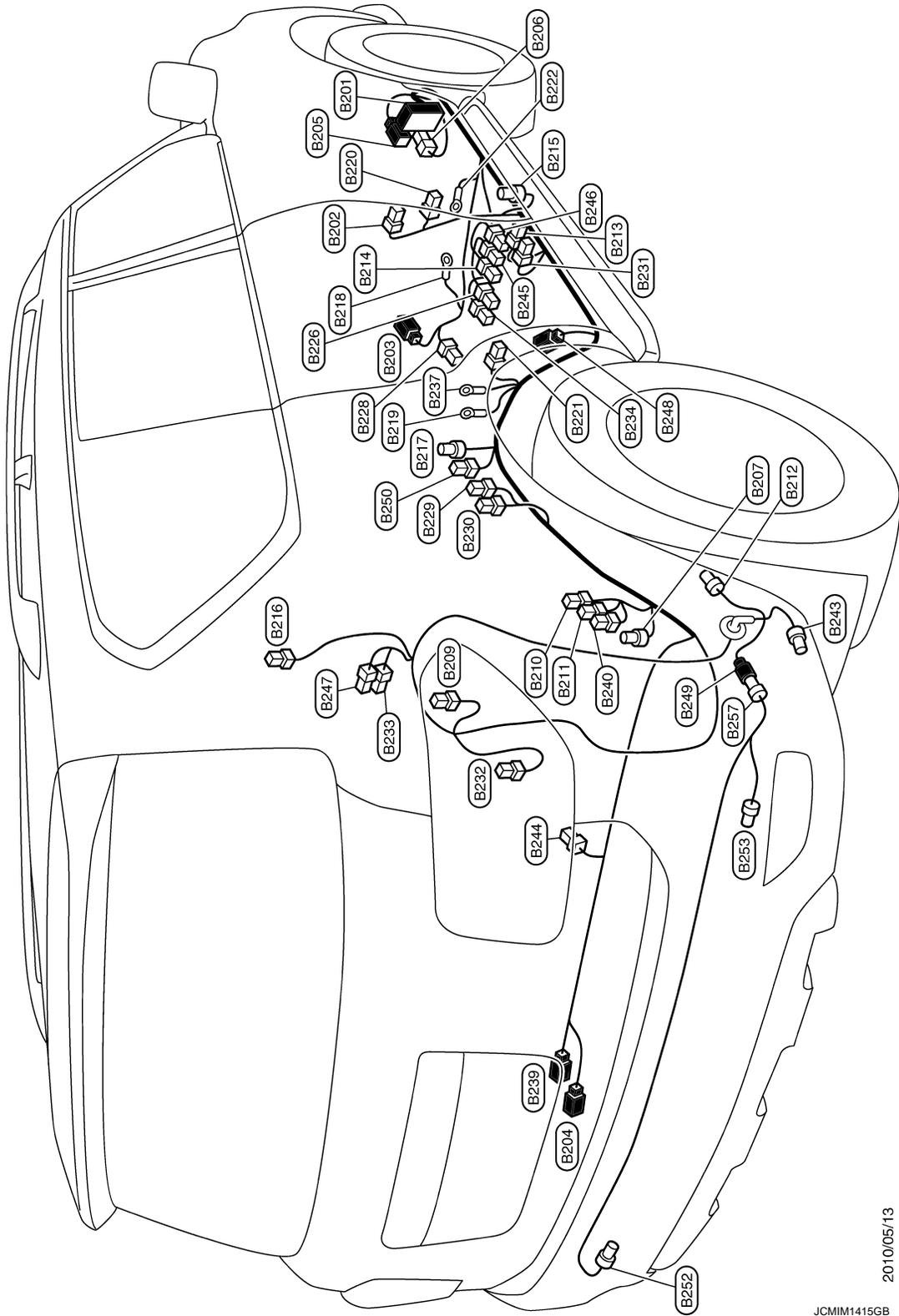
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HARNES LAYOUT

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BODY No. 2 HARNESS

BODY No. 2 HARNESS



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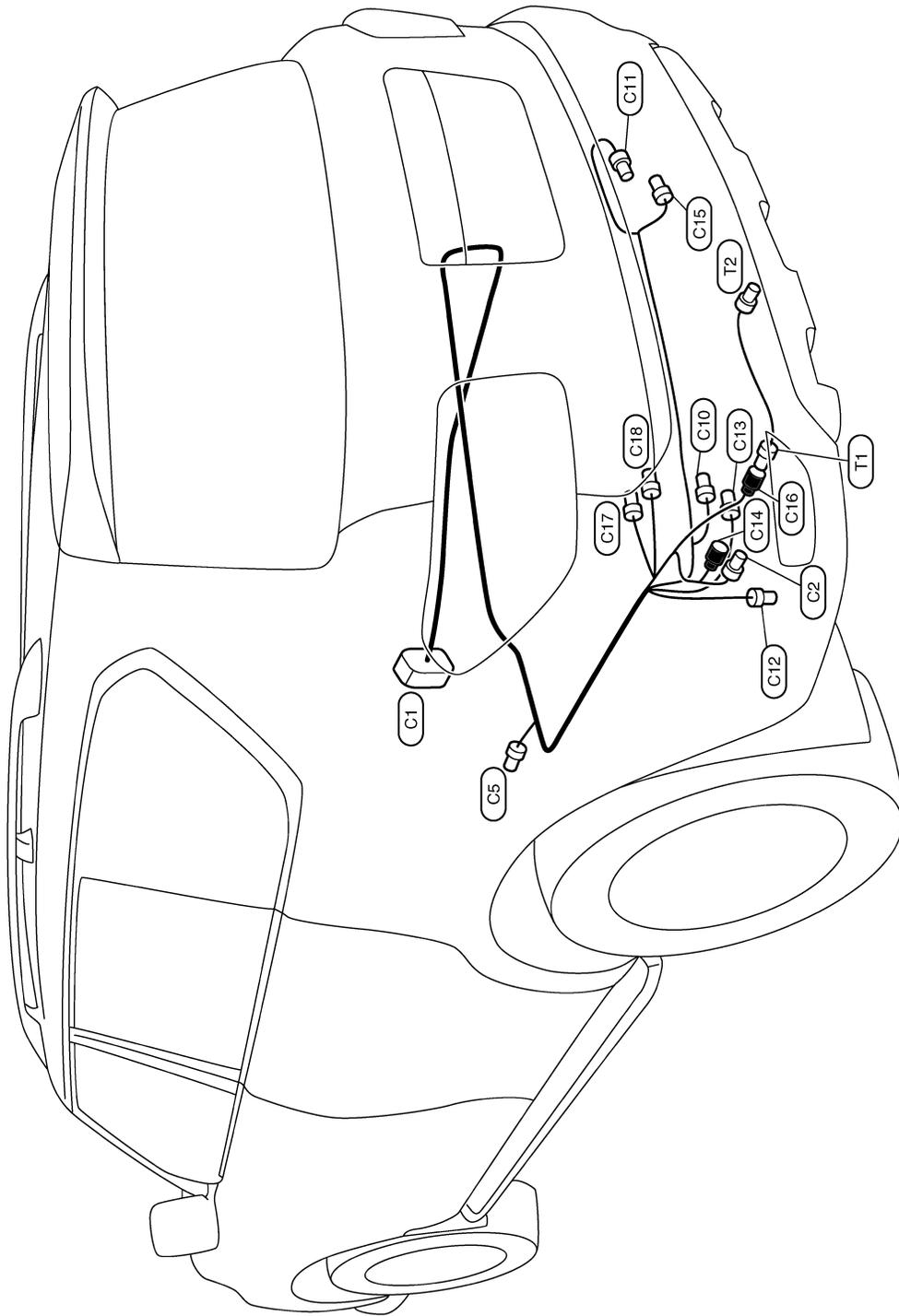
HARNESS LAYOUT

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Chassis Harness

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CHASSIS HARNESS



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HARNES LAYOUT

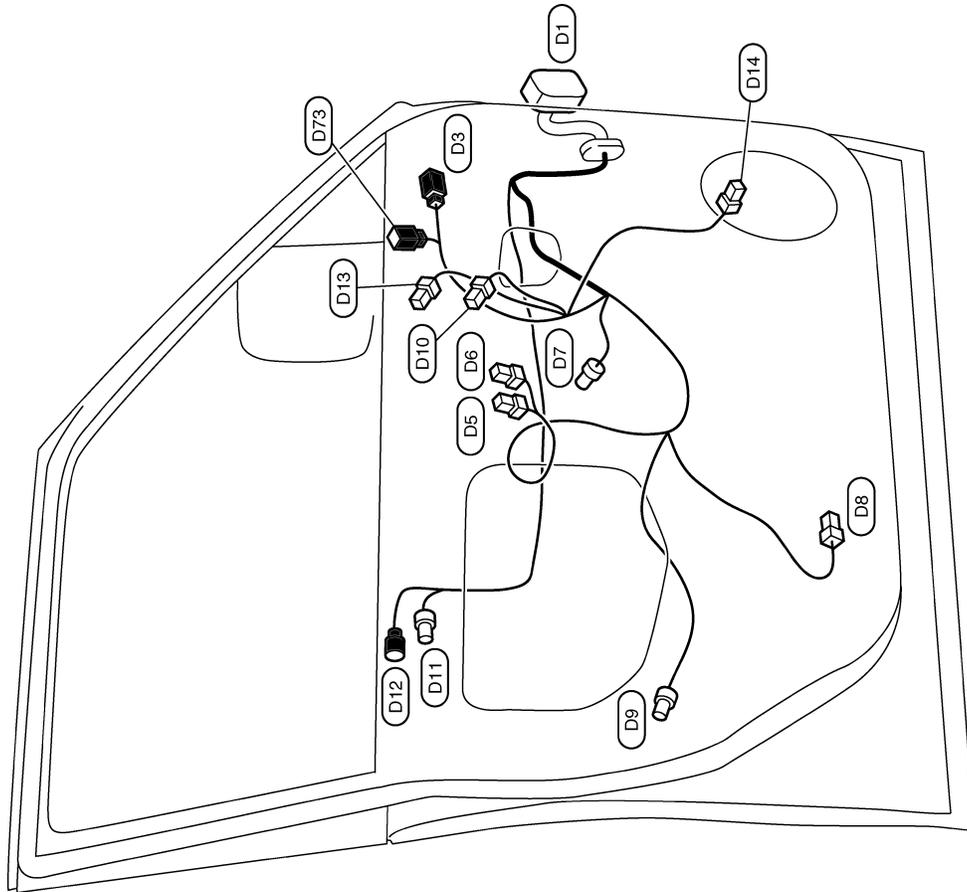
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Door Harness

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FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE)



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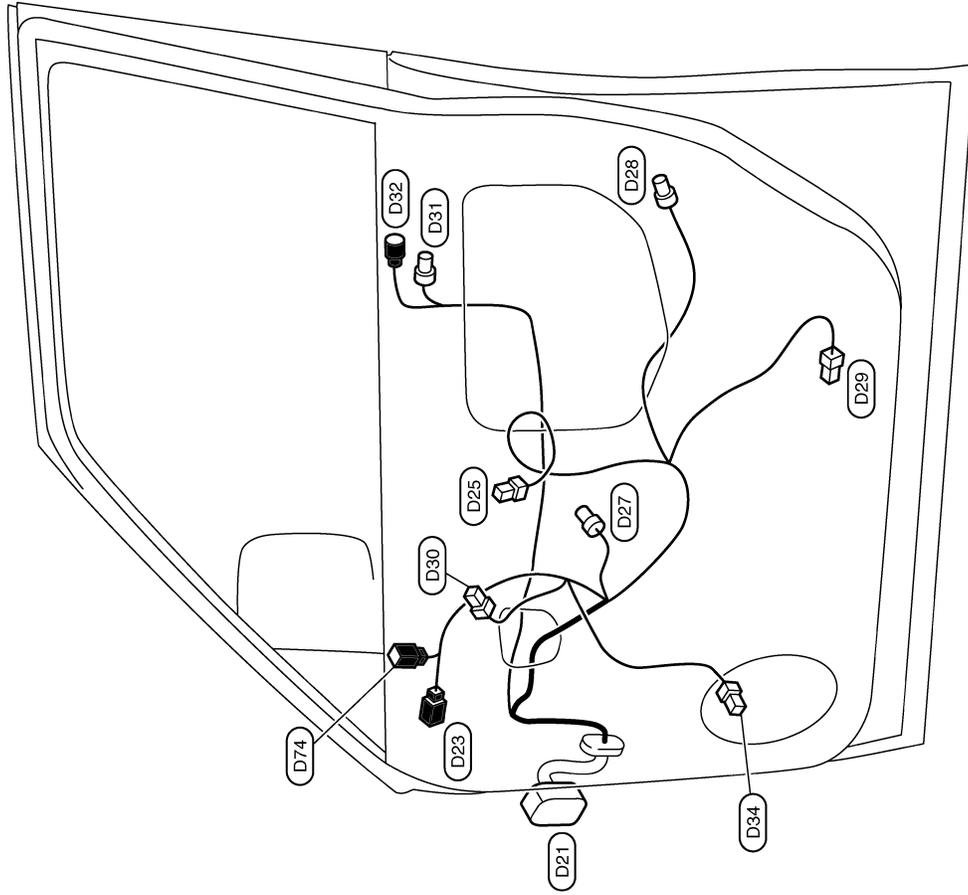
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HARNES LAYOUT

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FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE)



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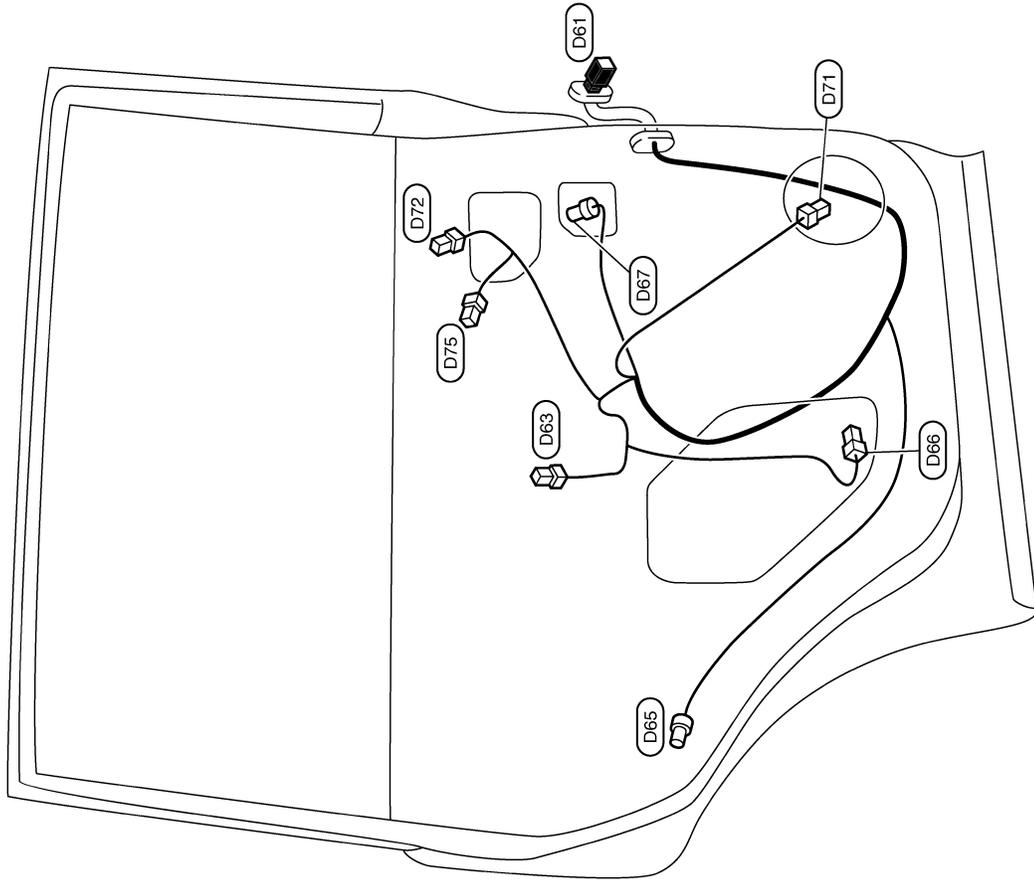
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HARNES LAYOUT

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REAR DOOR HARNES (LH SIDE)

REAR DOOR HARNES (LH SIDE)



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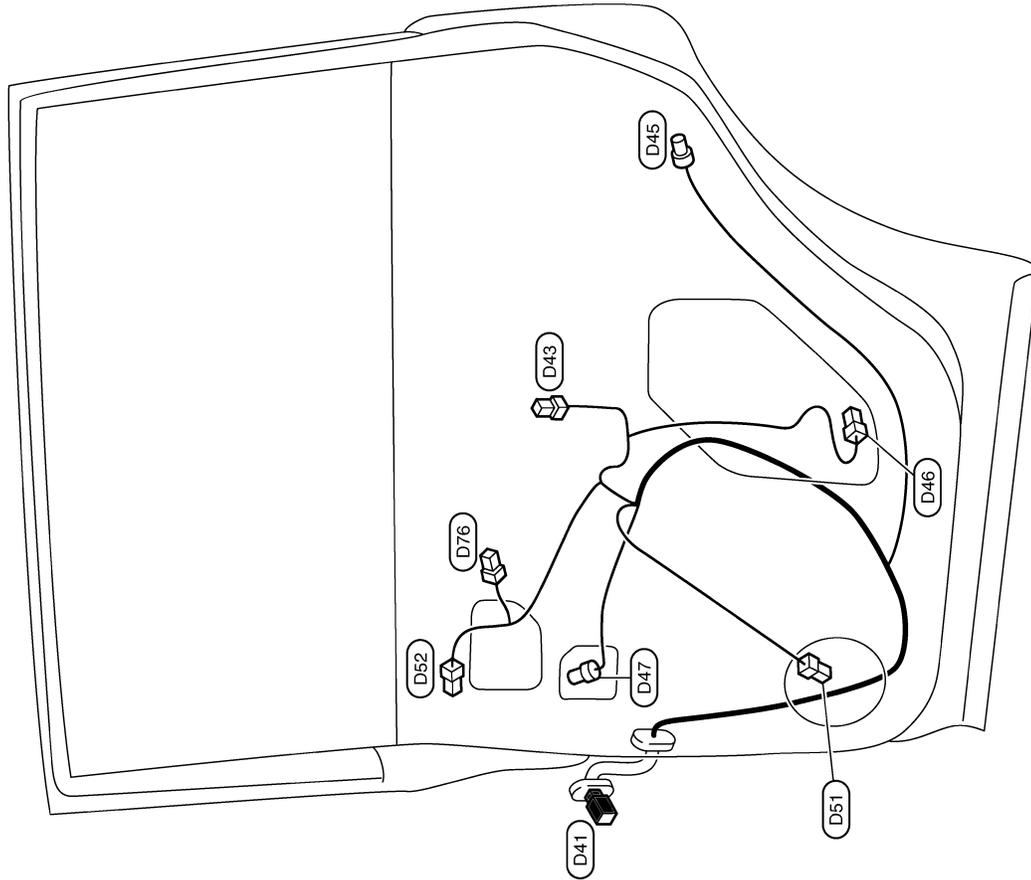
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HARNES LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (RH SIDE)



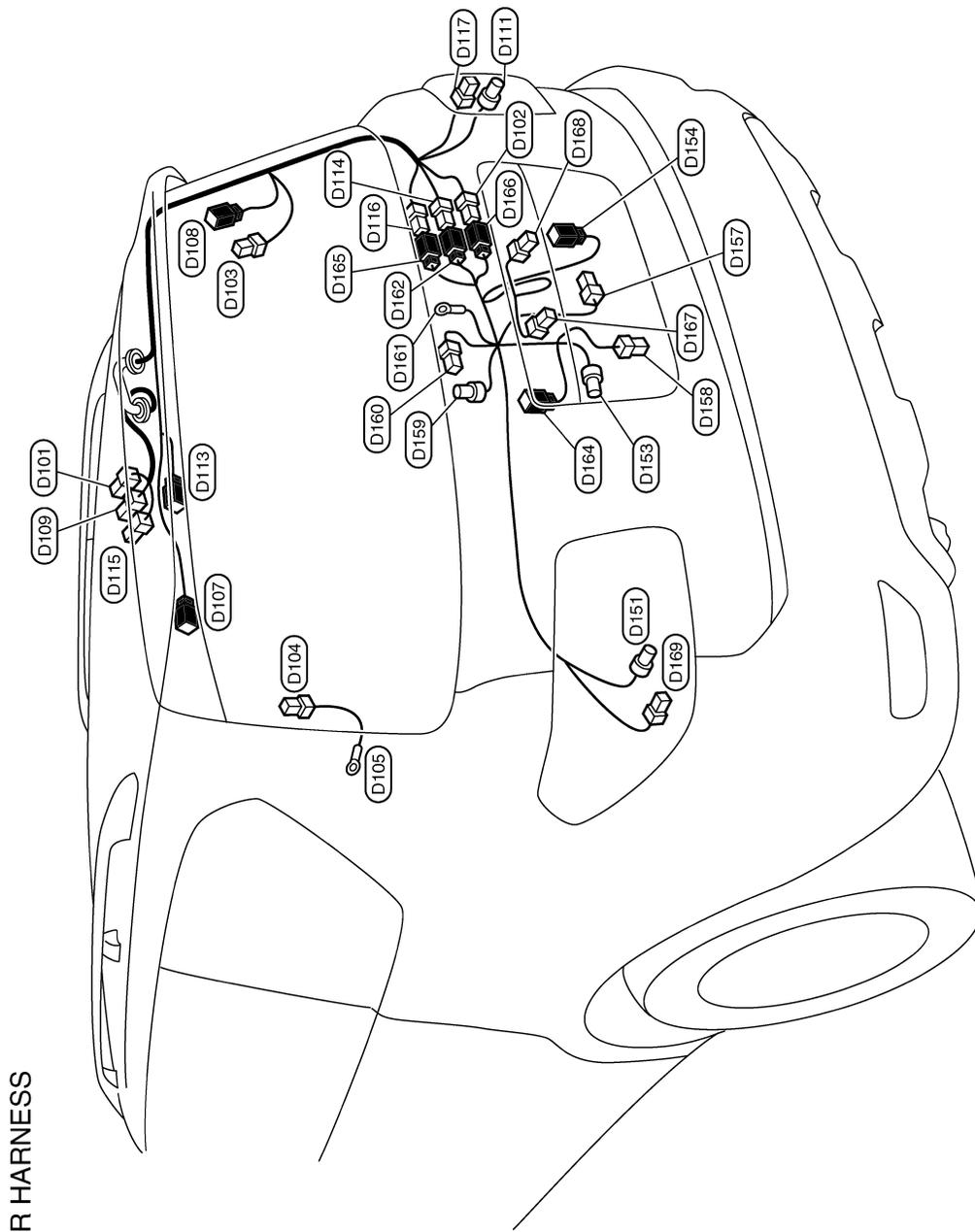
REAR DOOR HARNESS (RH SIDE)

2010/05/13

JCMIM1420GB

HARNESS LAYOUT

< WIRING DIAGRAM >
BACK DOOR HARNESS



BACK DOOR HARNESS

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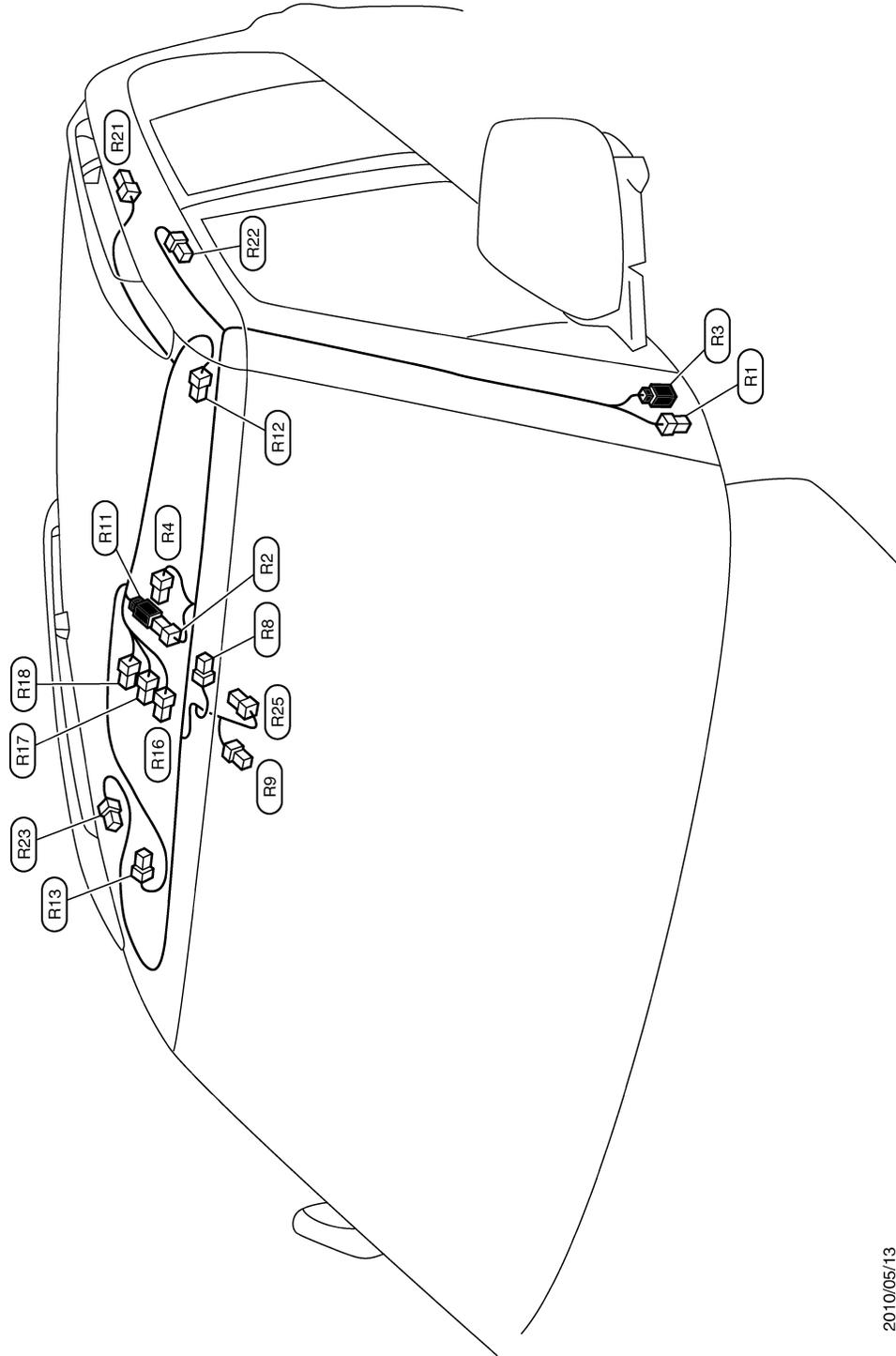
HARNESS LAYOUT

< WIRING DIAGRAM >

Room Lamp Harness

INFOID:000000006275763

ROOM LAMP HARNESS



2010/05/13

JCMIM1422GB

BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

BATTERY INSPECTION

How to Handle Battery

INFOID:000000006288754

CAUTION:

- If it becomes necessary to start the engine with a booster battery and jumper cables, use a 12-volt booster battery.
- After connecting battery cables, ensure that they are tightly clamped to battery terminals for good contact.
- Never add distilled water through the hole used to check specific gravity.

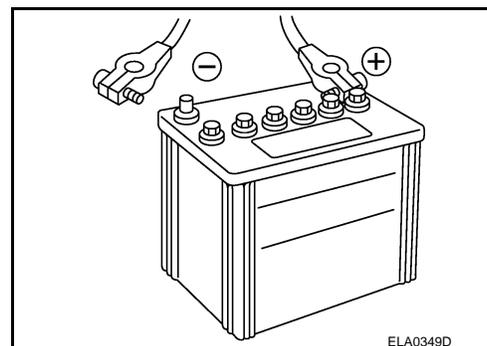
METHODS OF PREVENTING OVER-DISCHARGE

The following precautions must be taken to prevent over-discharging a battery.

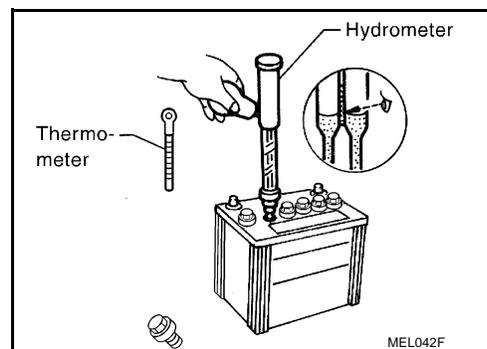
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



- When the vehicle is not going to be used over a long period of time, disconnect the battery cable from the negative terminal. (If the vehicle has an extended storage switch, turn it off.)



- Check the charge condition of the battery. Periodically check the specific gravity of the electrolyte. Keep a close check on charge condition to prevent over-discharge.



CHECKING ELECTROLYTE LEVEL

WARNING:

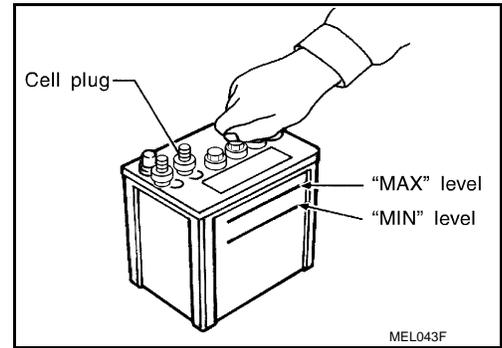
Never allow battery fluid to come in contact with skin, eyes, fabrics, or painted surfaces. After touching a battery, never touch or rub your eyes until you have thoroughly washed your hands. If acid contacts eyes, skin or clothing, immediately flush with water for 15 minutes and seek medical attention.

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BATTERY INSPECTION

< BASIC INSPECTION >

- Remove the cell plug using a suitable tool.
- Add distilled water up to the MAX level.

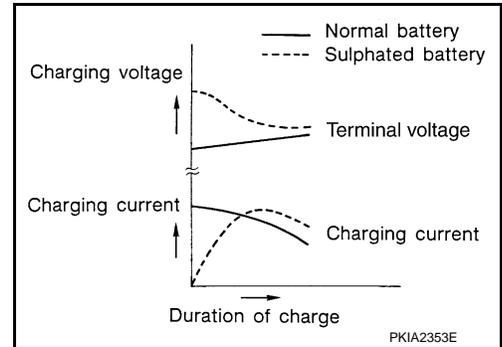


Sulphation

A battery will be completely discharged if it is left unattended for a long time and the specific gravity will become less than 1.100. This may result in sulphation on the cell plates.

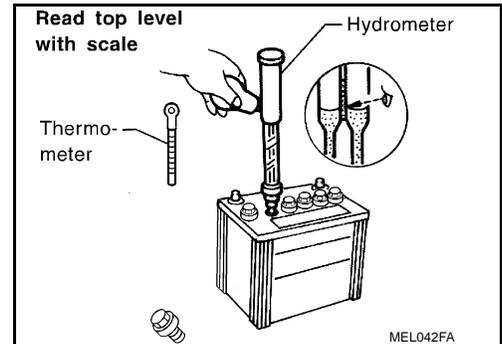
To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

A sulphated battery may sometimes be brought back into service by means of a long, slow charge, 12 hours or more, followed by a battery capacity test.



SPECIFIC GRAVITY CHECK

1. Read hydrometer and thermometer indications at eye level.
2. Use the chart below to correct your hydrometer reading according to electrolyte temperature.



Hydrometer Temperature Correction

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
71 (160)	0.032
66 (150)	0.028
60 (140)	0.024
54 (130)	0.020
49 (120)	0.016
43 (110)	0.012
38 (100)	0.008
32 (90)	0.004
27 (80)	0
21 (70)	-0.004
16 (60)	-0.008
10 (50)	-0.012
4 (40)	-0.016
-1 (30)	-0.020
-7 (20)	-0.024

BATTERY INSPECTION

< BASIC INSPECTION >

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
-12 (10)	-0.028
-18 (0)	-0.032

Corrected specific gravity	Approximate charge condition
1.260 - 1.280	Fully charged
1.230 - 1.250	3/4 charged
1.200 - 1.220	1/2 charged
1.170 - 1.190	1/4 charged
1.140 - 1.160	Almost discharged
1.110 - 1.130	Completely discharged

CHARGING THE BATTERY

CAUTION:

- Never “quick charge” a fully discharged battery.
- Keep the battery away from open flame while it is being charged.
- When connecting the charger, connect the leads first, then turn on the charger. Never turn on the charger first, as this may cause a spark.
- If battery electrolyte temperature rises above 55 °C (131 °F), stop charging. Always charge battery at a temperature below 55 °C (131 °F).

Charging Rates

Amps	Time
50	1 hour
25	2 hours
10	5 hours
5	10 hours

Do not charge at more than 50 ampere rate.

NOTE:

The ammeter reading on your battery charger will automatically decrease as the battery charges. This indicates that the voltage of the battery is increasing normally as the state of charge improves. The charging amps indicated above refer to initial charge rate.

- If, after charging, the specific gravity of any two cells varies more than 0.050, the battery should be replaced.

Work Flow

INFOID:000000006288755

TROUBLE DIAGNOSIS WITH BATTERY SERVICE CENTER

For battery testing, use Battery Service Center (J-48087). For details and operating instructions, refer to Technical Service Bulletin and/or Battery Service Center User Guide.

FUSE INSPECTION

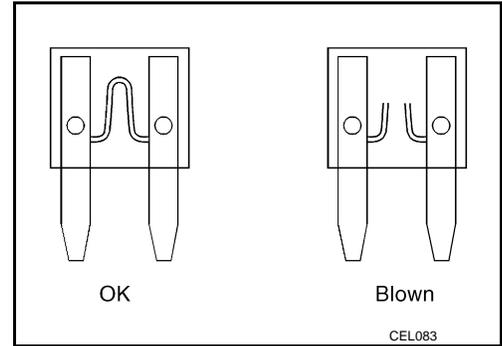
< BASIC INSPECTION >

FUSE INSPECTION

How To Check

INFOID:000000006275774

- If fuse is blown, be sure to eliminate cause of malfunction before installing new fuse.
- Use fuse of specified rating. Never use fuse of more than specified rating.
- Do not partially install fuse; always insert it into fuse holder properly.
- Remove fuse for "ELECTRICAL PARTS (BAT)" if vehicle is not used for a long period of time.



FUSIBLE LINK INSPECTION

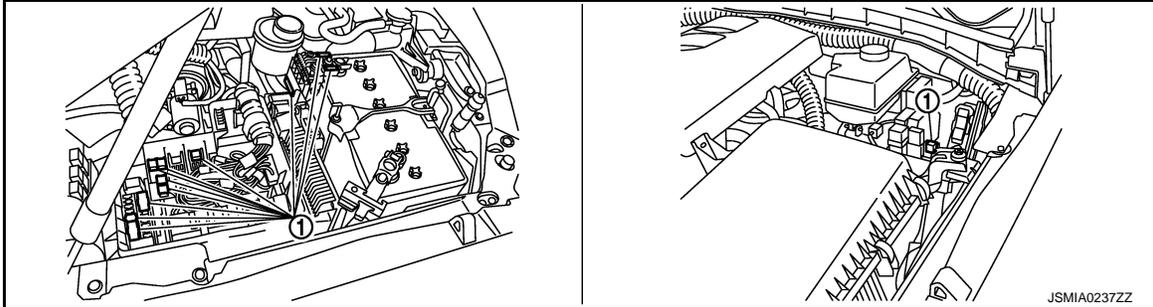
< BASIC INSPECTION >

FUSIBLE LINK INSPECTION

How To Check

INFOID:000000006275775

A melted fusible link can be detected either by visual inspection or by feeling with finger tip. If its condition is questionable, use circuit tester or test lamp.



1. Fusible link

CAUTION:

- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring harness, vinyl or rubber parts.

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BATTERY

< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

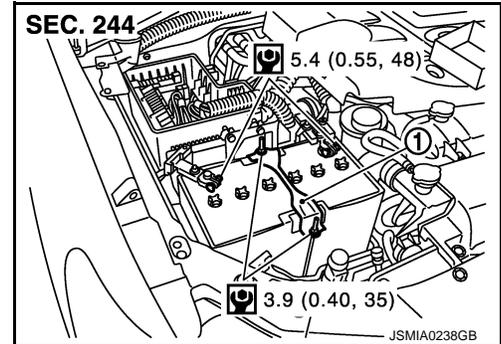
BATTERY

Exploded View

INFOID:000000006275779

1 : Battery fix frame

Refer to [GI-4, "Components"](#) for symbols in the figure.



Removal and Installation

INFOID:000000006275780

REMOVAL

1. Remove cover of battery positive terminal.
2. Loosen battery terminal nuts, and disconnect both battery cables from battery terminals.
CAUTION:
When disconnecting, disconnect the battery cable from the negative terminal first.
3. Remove battery fix frame mounting nuts and battery fix frame.
4. Remove battery.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

When connecting, connect the battery cable to the positive terminal first.

Reset electronic systems as necessary. Refer to [GI-65, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

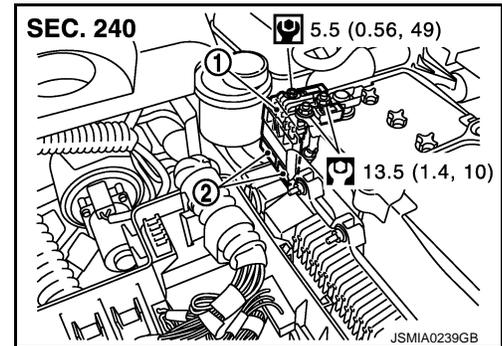
< REMOVAL AND INSTALLATION >

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000006275781

- 1 : Battery terminal with fusible link
 - 2 : Harness connector
- Refer to [GI-4. "Components"](#) for symbols in the figure.



Removal and Installation

INFOID:000000006275782

REMOVAL

1. Disconnect the battery cable from the negative terminal.
2. Remove cover of battery positive terminal.
3. Remove harness mounting nut and battery terminal with fusible link mounting nut.
4. Disconnect harness connector and remove battery terminal with fusible link.

INSTALLATION

Install in the reverse order of removal.

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SERVICE DATA AND SPECIFICATIONS (SDS)

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SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:000000006275783

Type		115D31R
20 hour rate capacity	[V – Ah]	12 – 82
Cold cranking current (For reference value)	[A]	782