

PG

SECTION

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

CONTENTS

PRECAUTION	3	Wiring Diagram - BATTERY POWER SUPPLY	F
PRECAUTIONS	3	FUSE No. 47 -	44
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	3	Wiring Diagram - BATTERY POWER SUPPLY	G
Precaution for Procedure without Cowl Top Cover.....	3	FUSE No. 48 -	45
PREPARATION	4	Wiring Diagram - BATTERY POWER SUPPLY	H
PREPARATION	4	FUSE No. 60 -	46
Special Service Tools	4	Wiring Diagram - ACCESSORY POWER SUPPLY -	47
SYSTEM DESCRIPTION	5	Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 1 -	53
COMPONENT PARTS	5	Wiring Diagram - IGNITION POWER SUPPLY -	54
Component Parts Location	5	Wiring Diagram - IGNITION POWER SUPPLY	I
Battery	5	FUSE No. 11 -	74
Circuit Breaker	6	Wiring Diagram - IGNITION POWER SUPPLY	J
Harness Connector	6	FUSE No. 12 -	75
Standardized Relay	9	Wiring Diagram - IGNITION POWER SUPPLY	K
WIRING DIAGRAM	12	FUSE No. 14 -	76
POWER SUPPLY ROUTING CIRCUIT	12	Wiring Diagram - IGNITION POWER SUPPLY	L
Wiring Diagram - BATTERY POWER SUPPLY -	12	FUSE No. 22 -	77
Wiring Diagram - BATTERY POWER SUPPLY		Wiring Diagram - IGNITION POWER SUPPLY	
FUSIBLE LINK No. M -	36	FUSE No. 49 -	78
Wiring Diagram - BATTERY POWER SUPPLY		Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 4 -	37	FUSE No. 50 -	79
Wiring Diagram - BATTERY POWER SUPPLY		Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 6 -	38	FUSE No. 54 -	80
Wiring Diagram - BATTERY POWER SUPPLY		FUSE BLOCK - JUNCTION BOX (J/B)	81
FUSE No. 7 -	39	Fuse, Connector and Terminal Arrangement	81
Wiring Diagram - BATTERY POWER SUPPLY		FUSE, FUSIBLE LINK AND RELAY BOX	82
FUSE No. 15 -	40	Fuse and Fusible Link Arrangement	82
Wiring Diagram - BATTERY POWER SUPPLY		IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	83
FUSE No. 17 -	41	Fuse, Connector and Terminal Arrangement	83
Wiring Diagram - BATTERY POWER SUPPLY		HARNESS LAYOUT	84
FUSE No. 19 -	42	Outline	84
Wiring Diagram - BATTERY POWER SUPPLY		Engine Room Harness	85
FUSE No. 46 -	43	Engine Control Harness	87
		Main Harness	89

Body Harness	90	BATTERY	106
Door Harness	92	Exploded View	106
Room Lamp Harness	96	Removal and Installation	106
Tail Harness	97		
BASIC INSPECTION	98	BATTERY TERMINAL WITH FUSIBLE LINK..	108
BATTERY INSPECTION	98	Exploded View	108
How to Handle Battery	98	Removal and Installation	108
Work Flow	98	BATTERY CURRENT SENSOR	109
FUSE INSPECTION	101	Exploded View	109
How To Check	101	Removal and Installation	109
FUSIBLE LINK INSPECTION	105	SERVICE DATA AND SPECIFICATIONS	
How To Check	105	(SDS)	110
REMOVAL AND INSTALLATION	106	SERVICE DATA AND SPECIFICATIONS	
		(SDS)	110
		Battery	110

PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000009337809

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:

Always observe the following items for preventing accidental activation.

- 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 "SRS AIR BAG".
- Never 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:

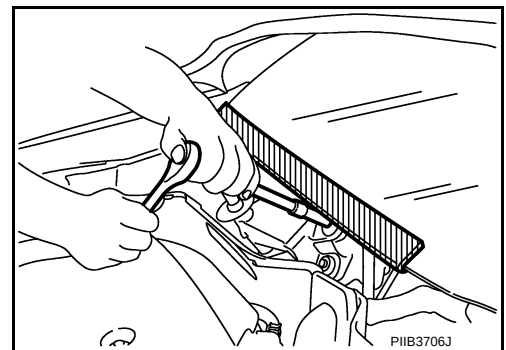
Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never 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.

Precaution for Procedure without Cowl Top Cover

INFOID:000000009239705

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc to prevent damage to windshield.



PREPARATION

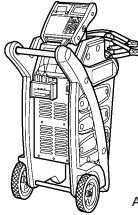
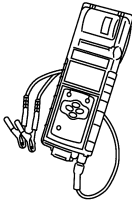
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000009239706

Tool number (Kent-Moore No.) Tool name		Description
— (—) Model GR8-1200 NI Multitasking battery and electrical diagnostic station	 AWI1A1239ZZ	Tests batteries, starting and charging systems and charges batteries. For operating instructions, refer to diagnostic station instruction manual.
— (—) Model EXP-800 NI Battery and electrical diagnostic analyzer	 JSMIA0806ZZ	Tests batteries and charging systems. For operating instructions, refer to diagnostic analyzer instruction manual.

COMPONENT PARTS

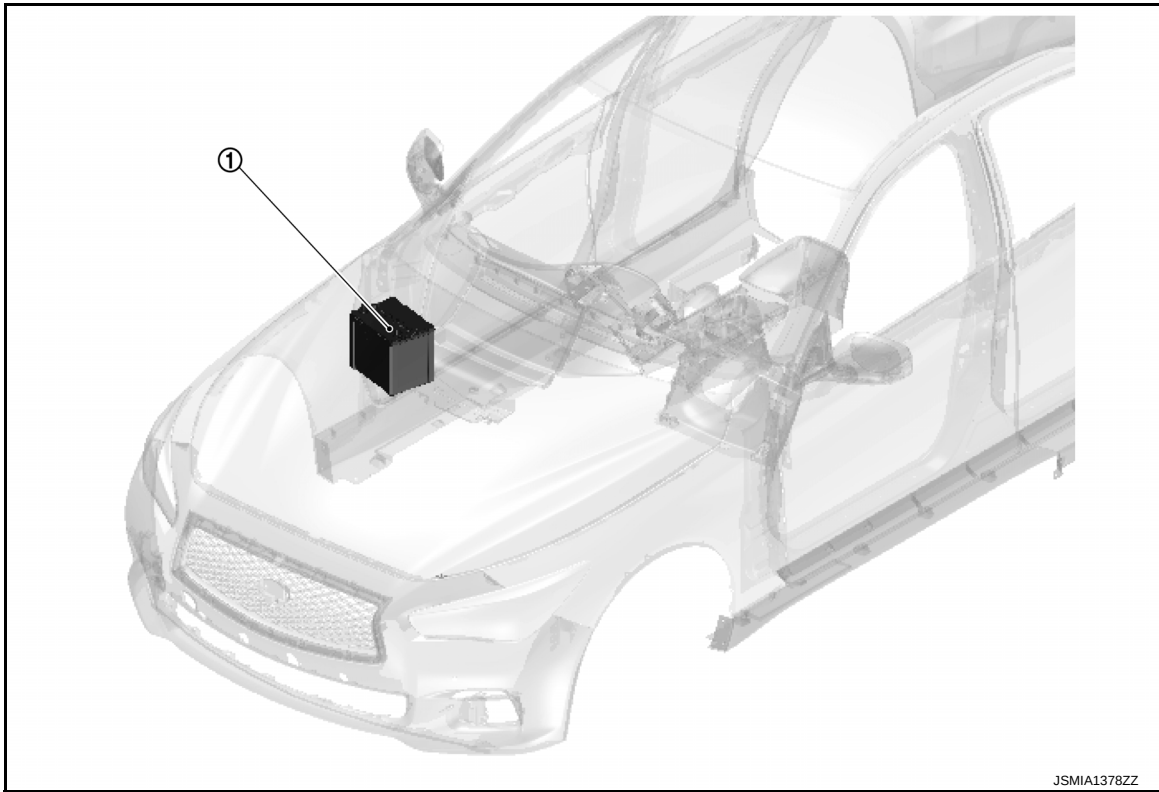
< SYSTEM DESCRIPTION >

SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:0000000009337810



No.	Component	Function
①	Battery	Refer to PG-5, "Battery" .

Battery

INFOID:0000000009239708

WITH DIRECT ADAPTIVE STEERING

Type		Q-85
20 hour rate capacity	[V – Ah]	12 – 62
Cold cranking current (For reference value)	[A]	600

PG

WITHOUT DIRECT ADAPTIVE STEERING

Type		80D23L
20 hour rate capacity	[V – Ah]	12 – 62
Cold cranking current (For reference value)	[A]	582

N

O

P

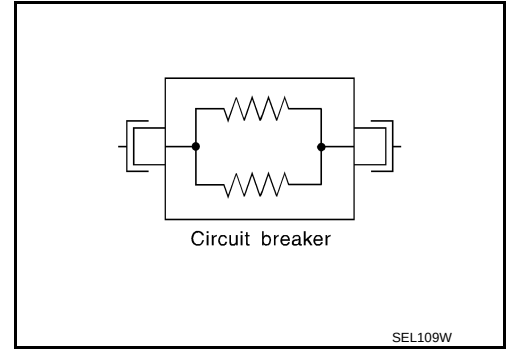
COMPONENT PARTS

< SYSTEM DESCRIPTION >

Circuit Breaker

INFOID:000000009239707

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.



Harness Connector

INFOID:000000009239709

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.

A
B
C
D
E
F
G
H
I
J
K
L

[Example]



HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

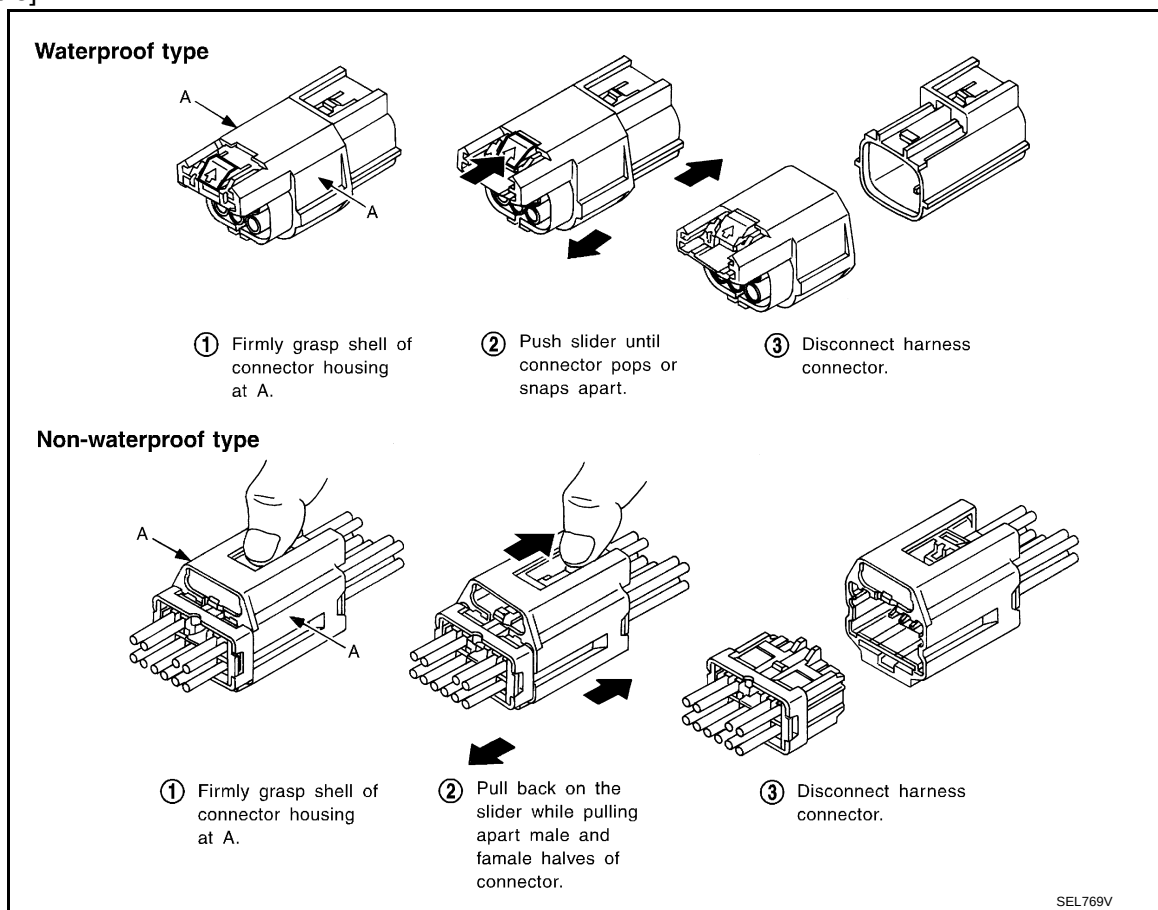
- A new style slide-locking type connector is used on certain systems and components, especially those related to OBD.
- The slide-locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide-locking type connectors are disconnected by pushing or pulling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

- **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)

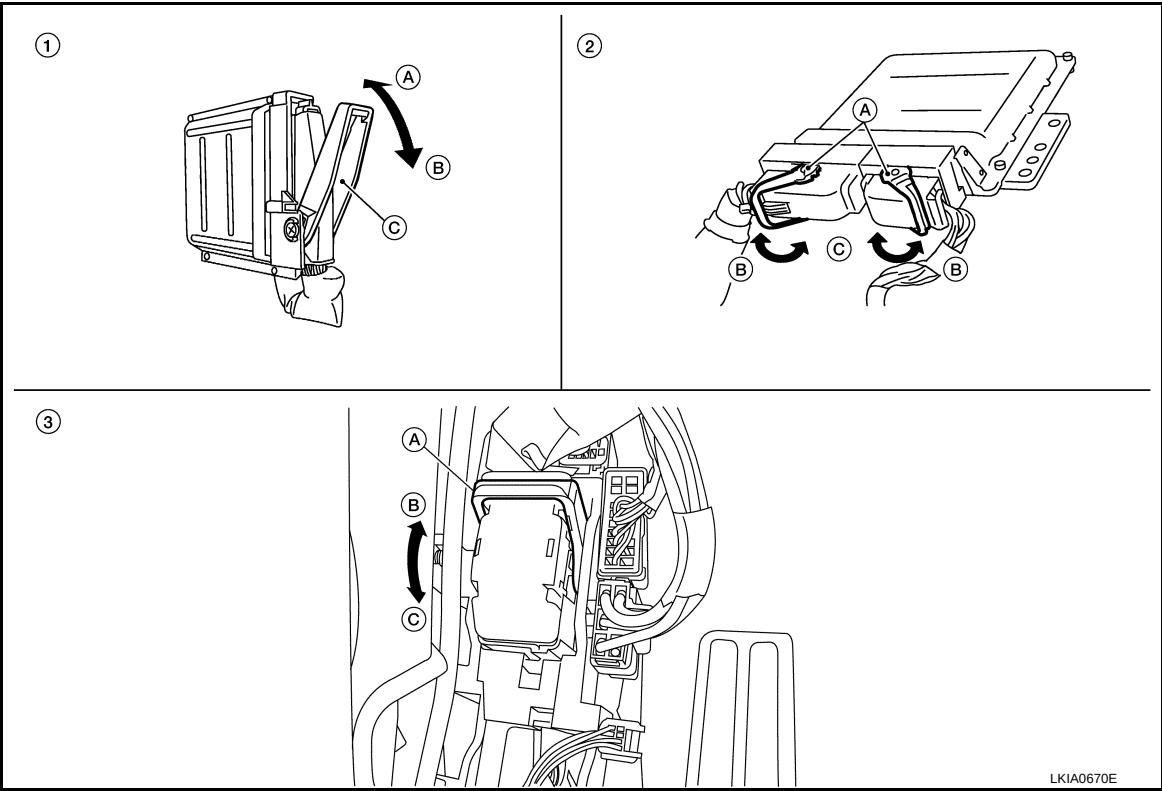
- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked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

CAUTION:

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.



- ① Control unit with single lever
A Fasten
B Loosen
C Lever

- ② Control unit with dual levers
A Levers
B Fasten
C Loosen

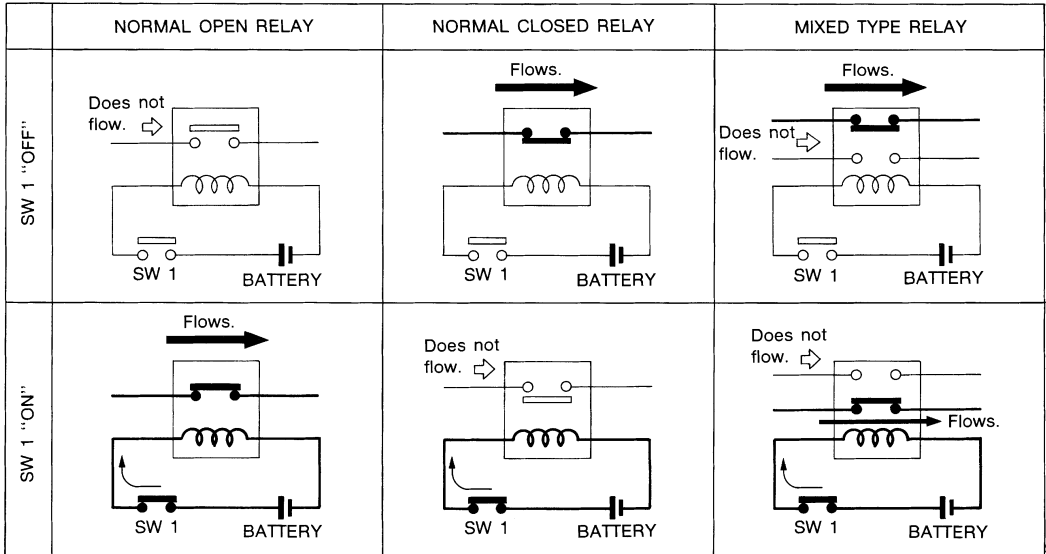
- ③ SMJ connector
A Lever
B Fasten
C Loosen

Standardized Relay

INFOID:000000009239710

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



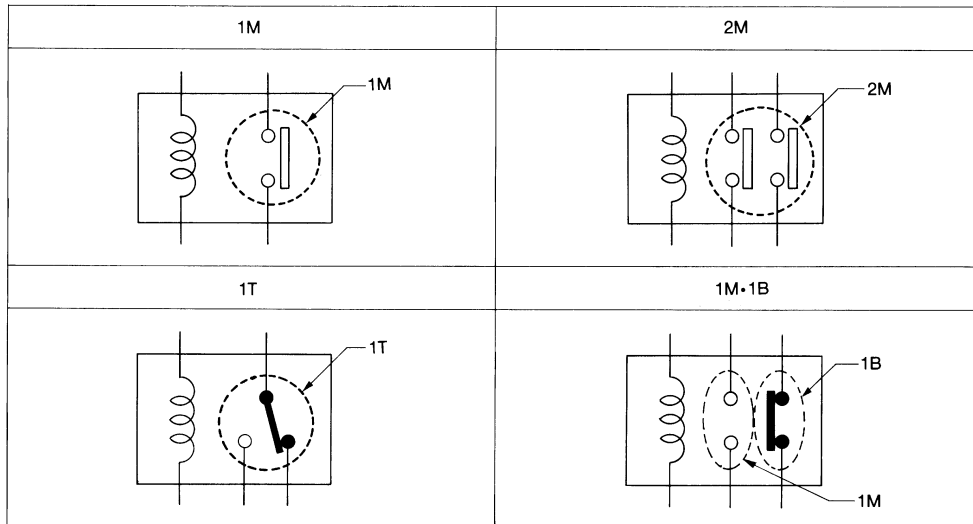
SEL881H

TYPE OF STANDARDIZED RELAYS

COMPONENT PARTS

< SYSTEM DESCRIPTION >

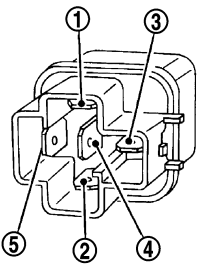
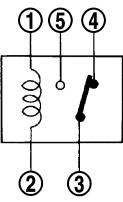
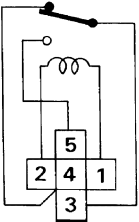
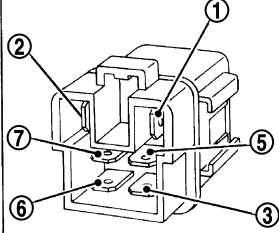
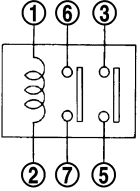
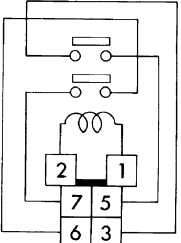
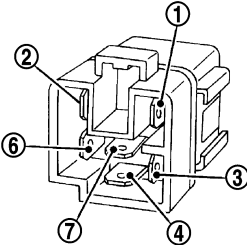
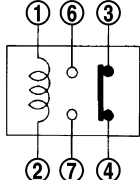
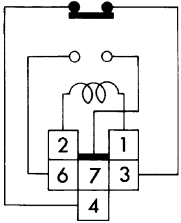
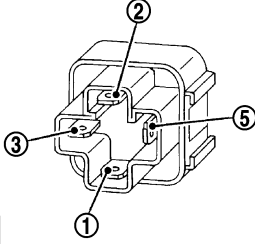
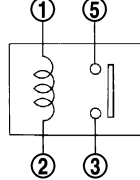
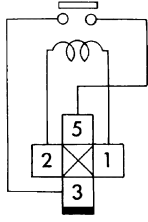
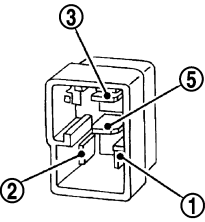
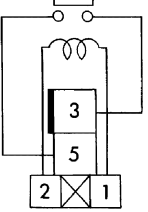
1M 1 Make 2M 2 Make
 1T 1 Transfer 1M·1B 1 Make 1 Break



SEL882H

COMPONENT PARTS

< SYSTEM DESCRIPTION >

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

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

JSMIA1499GB

POWER SUPPLY ROUTING CIRCUIT

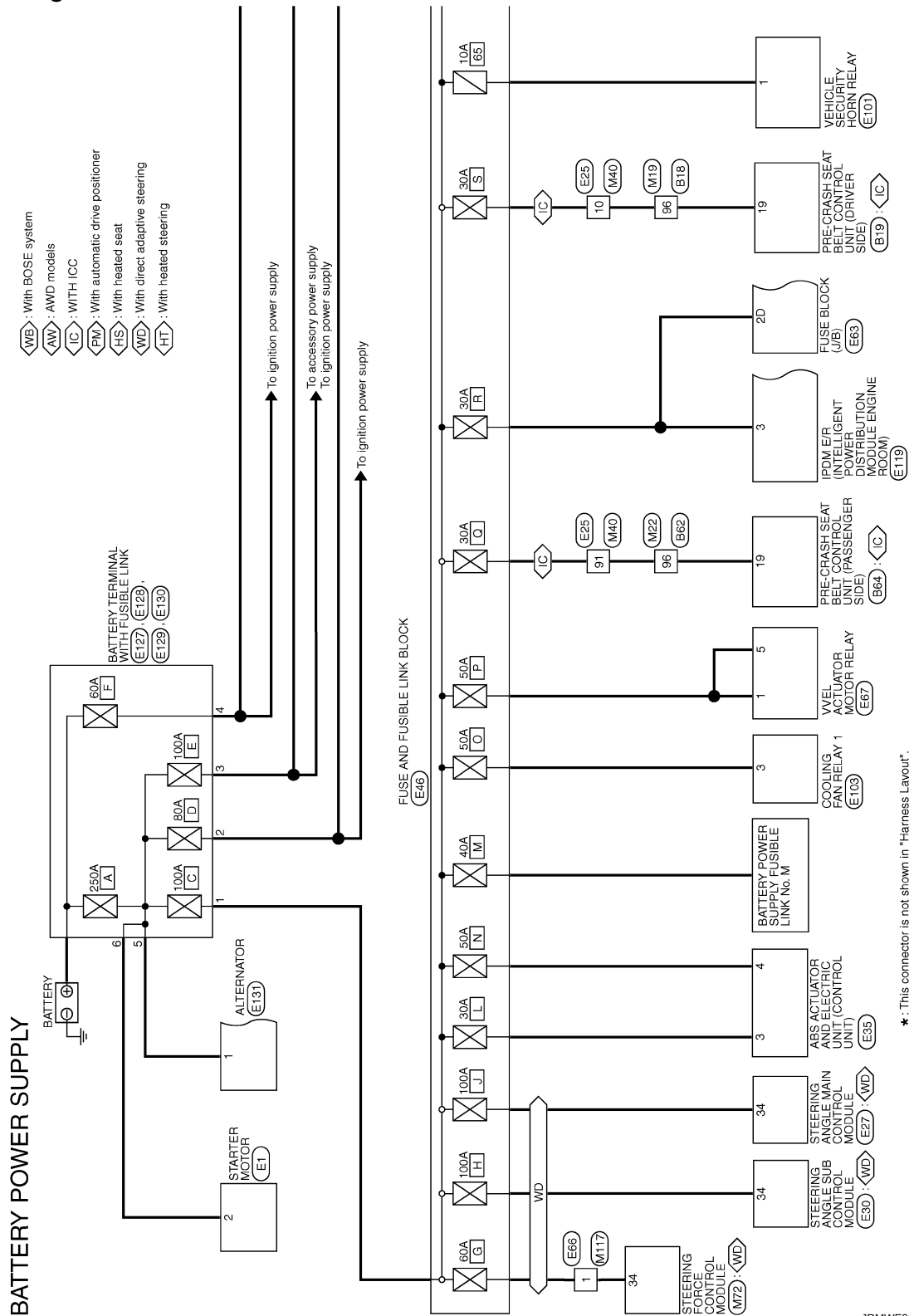
< WIRING DIAGRAM >

WIRING DIAGRAM

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:000000009239711



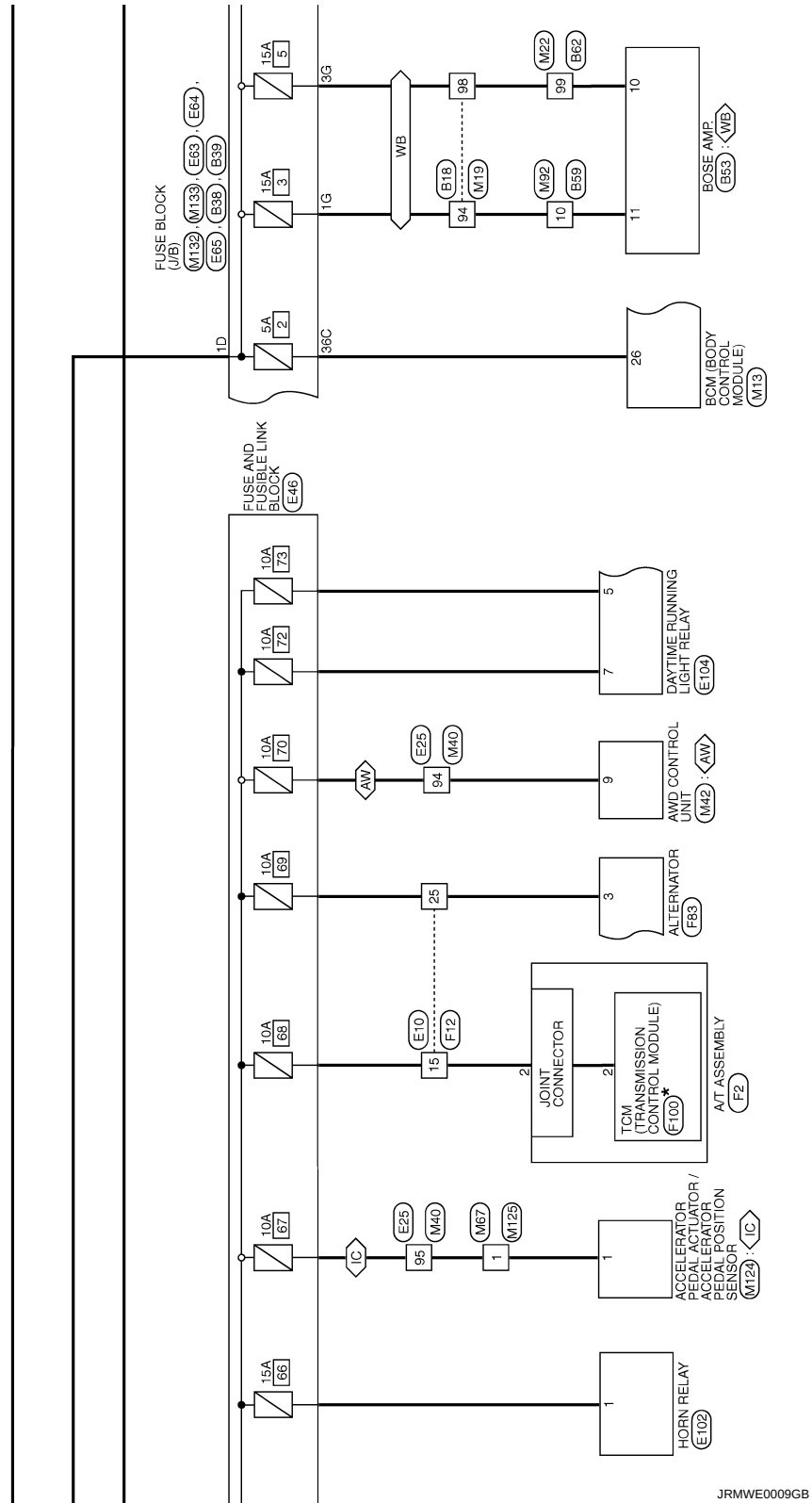
*: This connector is not shown in "Harness Layout".

2013/05/17

JRMWE0008GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

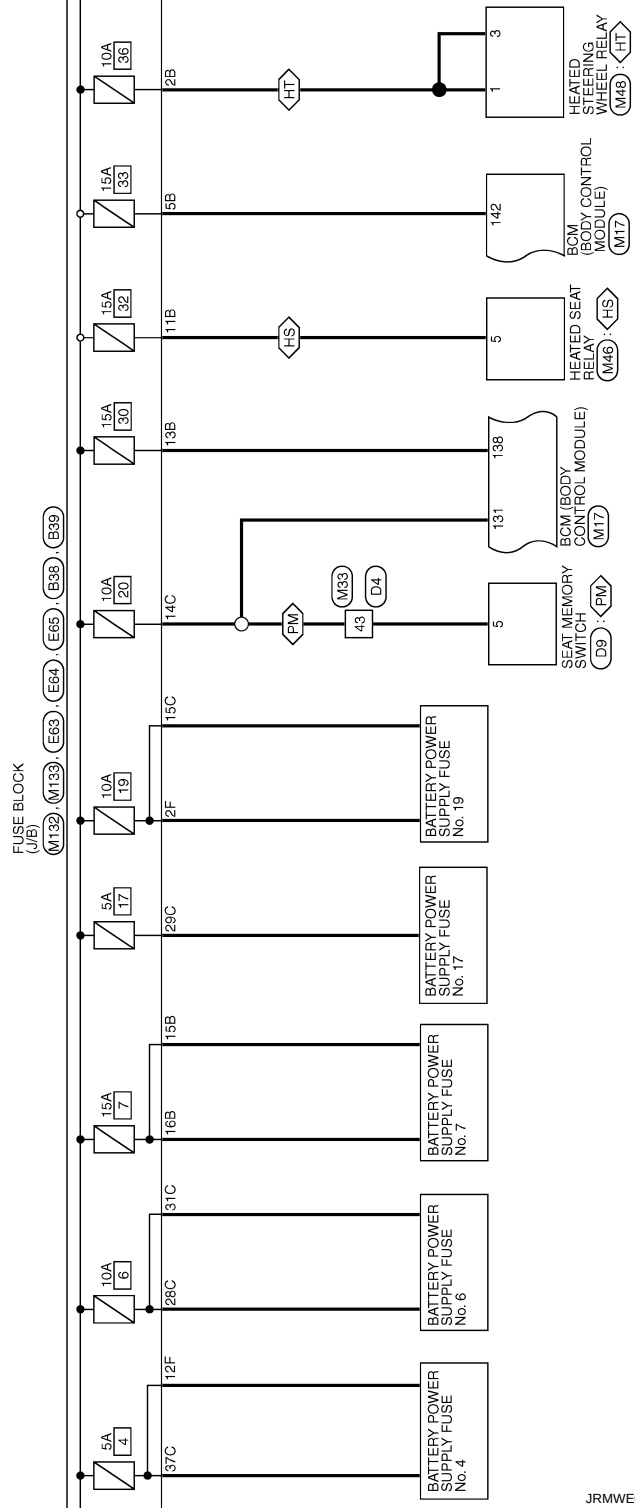


JRMWE0009GB

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



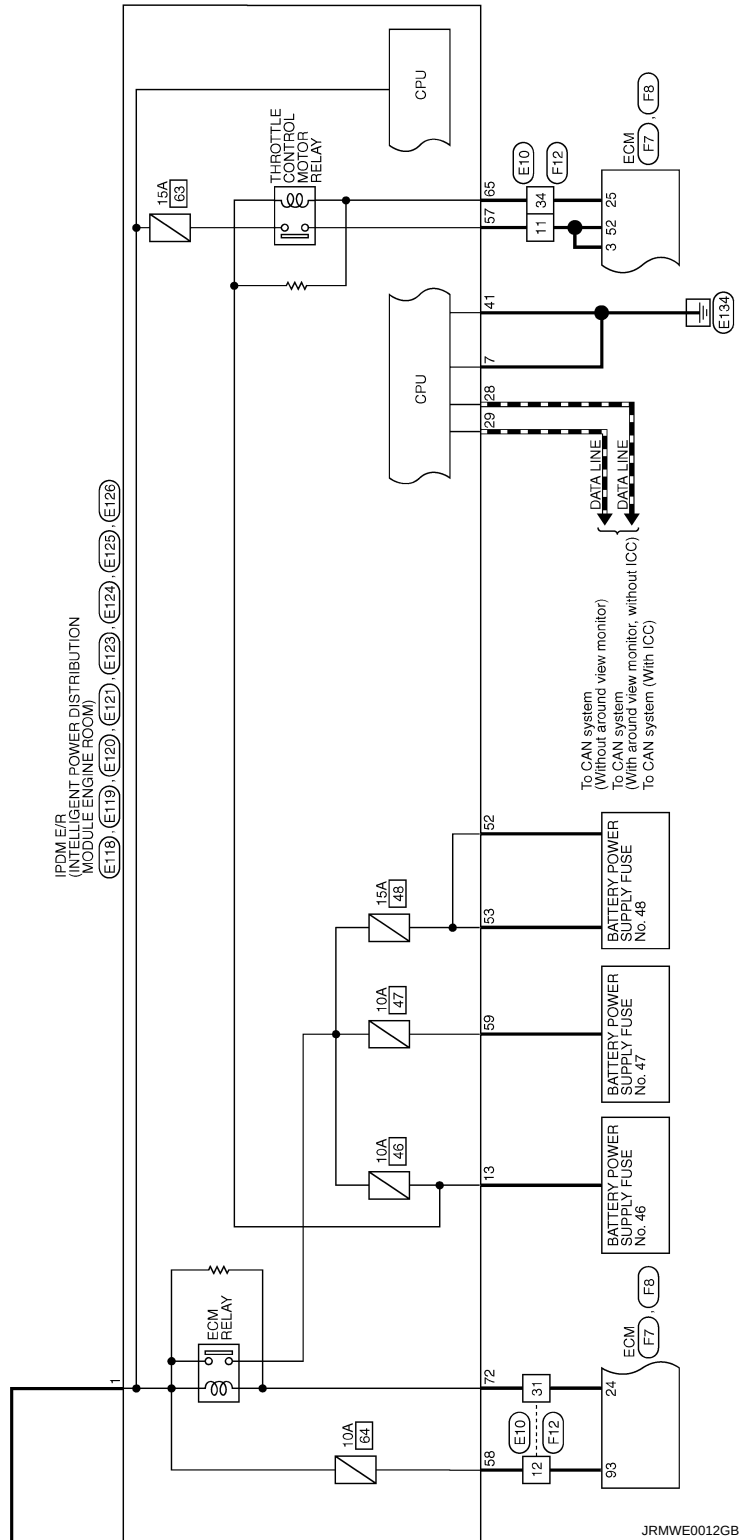
JRMWE0010GB

< WIRING DIAGRAM >



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



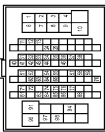
JRMWE0012GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B18
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM

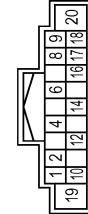


HS

Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	G	-
3	L	-
4	LG	-
6	R	-
7	V	-
8	LG	-
9	BR	-
10	P	-
11	BG	-
12	LG	-
13	GR	-
24	Y	-
25	W	-
31	B	-
32	B	-
33	B	-
34	LG	-
35	R	-
36	W	-
37	SB	-
38	LG	-
40	P	-
41	SB	-
42	BR	-
43	BG	-
44	BG	-
46	R	-
51	SB	-
52	V	-
54	R	-
55	R	-
57	W	-
58	V	-
59	GR	-

62	BG	-
63	BR	-
64	V	-
65	R	-
70	W	-
71	W	-
72	B	-
74	L	-
75	V	-
76	BR	-
77	B	-
81	B	-
83	BG	-
84	L	-
85	V	-
86	B	-
88	G	-
91	GR	-
94	GR	-
96	Y	-
97	V	-
98	BR	-

Connector No.	B19
Connector Name	PRE-CHARGE BATT. CONTROL UNIT (DRIVER SIDE)
Connector Type	TH18FW-CS2



HS

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	SIG. BAT
2	G	OUT 1
4	R	CAN L O
6	W	BACKLE SW LH NO
8	BR	LOCAL COMM 2
9	SHIELD	SHIELD GND
10	R	SENS POWER 1
12	B	OUT 2
14	L	CAN HI
16	Y	LOCAL COMM 1
17	W	SENS GND 1

18	B	SIG. GND
19	Y	MOTOR BAT
20	B	MOTOR GND

Connector No.	B22
Connector Name	REAR COMBINATION LAMP LH (BODY SIDE)
Connector Type	NS44MW-CS



HS

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

Connector No.	B23
Connector Name	REAR COMBINATION LAMP RH (BODY SIDE)
Connector Type	NS44MW-CS



HS

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

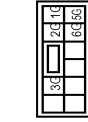
Connector No.	B37
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-H4



HS

Terminal No.	Color Of Wire	Signal Name [Specification]
2	SHIELD	-
3	R	-
4	L	-
5	R	-
7	P	-

Connector No.	B38
Connector Name	FUSE BLOCK (J/B)
Connector Type	INS10FW-CS



HS

Terminal No.	Color Of Wire	Signal Name [Specification]
1G	GR	-
2G	W	-
3G	BR	-
5G	W	-
6G	G	-

JRMWE0013GB

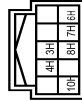
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B59
Connector Name	FUSE BLOCK (J/B)
Connector Type	TH10PB-4H



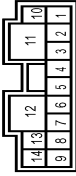
Terminal No.	Color	Wire	Signal Name [Specification]
10H	P	-	-
3H	L	-	-
4H	R	-	-
6H	L	-	-
7H	LG	-	-
8H	P	-	-

Connector No.	B50
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40PW-4H



Terminal No.	Color	Wire	Signal Name [Specification]
1	B	GND	GND
2	Y	BAT	BAT
3	LG	IGN	IGN
4	P	ACC	ACC
19	LG	-	AV COMM (H)
20	P	-	AV COMM (L)
23	SHIELD	-	AV COMM GND
25	BG	-	REVERSE SIGNAL
27	L	-	CAN-H
28	P	-	CAN-L [With ADAS]
30	R	-	CAN-L [With ASDS]
32	G	-	RETRACT MOTOR OPERATION SIGNAL (OPEN)
			RETRACT MOTOR OPERATION SIGNAL (CLOSE)

Connector No.	B53
Connector Name	BOSE AMP
Connector Type	SCA12BR-SJA2



Terminal No.	Color	Wire	Signal Name [Specification]
1	W/R	-	SOUND SIGNAL REAR WOOFER (+)
2	W/L	-	SOUND SIGNAL REAR WOOFER (-)
3	L	-	SOUND SIGNAL FRONT DOOR WOOFER RH (+)
4	Y	-	SOUND SIGNAL FRONT DOOR WOOFER RH (-)
5	BR	-	SOUND SIGNAL REAR DOOR SPEAKER LH (+)
6	R	-	SOUND SIGNAL REAR DOOR SPEAKER LH (-)
7	B	-	GND
8	V	-	SOUND SIGNAL FRONT DOOR WOOFER LH (-)
9	P	-	SOUND SIGNAL REAR DOOR SPEAKER RH (-)
10	BR	-	BAT
11	GR	-	GND
12	B	-	GND
13	P	-	SOUND SIGNAL FRONT DOOR WOOFER LH (+)
14	L	-	SOUND SIGNAL REAR DOOR SPEAKER RH (+)

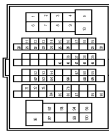
Connector No.	B59
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



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

7	L	-
9	-	-
10	SG	-
11	SG	-
12	W	-
13	G	-
14	BR	-
15	P	-
16	P	-

Connector No.	B62
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS18-TM4



Terminal No.	Color	Wire	Signal Name [Specification]
1	R	-	-
2	L	-	-
3	R	-	- [With BOSE system]
4	W	-	- [Without BOSE system]
5	SHIELD	-	-
6	W	-	-
7	BR	-	- [Without BOSE system]
8	Y	-	- [With BOSE system]
9	SHIELD	-	- [Without BOSE system]
10	V	-	-
11	GR	-	-
12	Y	-	-
13	R	-	-
14	BG	-	-
15	GR	-	-
16	V	-	-
17	P	-	-
18	L	-	-
19	R	-	-
20	GR	-	-
21	R	-	-
22	P	-	-

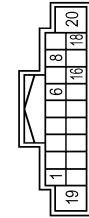
23	W	-
24	V	-
25	SG	-
26	SG	-
27	P	-
28	P	-
29	LG	-
30	LG	-
36	R	-
37	R	-
38	W	-
39	W	-
45	G	-
46	SHIELD	-
47	G	-
48	BG	-
49	G	-
52	Y	-
53	R	-
54	GR	-
57	R	-
58	P	-
59	LG	-
62	P	-
63	L	-
64	W	-
66	LG	-
68	L	-
69	P	-
71	R	-
72	G	-
73	SHIELD	-
74	GR	-
75	BG	-
85	BG	-
86	W	-
87	LG	-
89	LG	-
90	V	-
92	W	-
93	R	-
94	R	-
95	Y	-
96	W	-
97	L	-
99	BR	-
100	BR	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

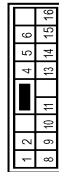
BATTERY POWER SUPPLY

Connector No.	B64
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (PASSENGER SIDE)
Connector Type	TH18FW-CS2



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	SIG BAT
2	LG	BACKLE SW RH NO
3	BR	LOCAL COMM 2
4	Y	LOCAL COMM 1
5	B	SIG GND
6	W	MOTOR BAT
7	B	MOTOR GND

Connector No.	B66
Connector Name	WIRE TO WIRE
Connector Type	INS18MW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	BG	-
3	SHIELD	-
4	W	-
5	GR	-
6	B	-
7	R	-
8	P	-
9	B	-
10	SHIELD	-
11	W	-
12	B	-
13	W	-
14	B	-
15	G	-

13	R	- [With around view monitor]
14	W	- [With back view monitor]
15	B	- [With around view monitor]
16	R	- [With back view monitor]

Connector No.	B72
Connector Name	WIRE TO WIRE
Connector Type	TH18FW-NH



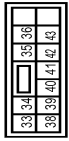
Terminal No.	Color Of Wire	Signal Name [Specification]
2	SHIELD	-
3	R	-
4	L	-
5	R	-
6	P	-

Connector No.	B85
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	EC22FB-RS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	POWER
2	R	GND

Connector No.	B602
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	INS12FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	BAT (PTC)
34	V	SLIDE MOTOR (BACKWARD)
35	Y	RECLINER MOTOR (FORWARD)
36	O	TILT MOTOR (DOWNWARD)
37	P	SLIDE MOTOR (FORWARD)
38	W	RECLINER MOTOR (BACKWARD)
39	GY	TILT MOTOR (UPWARD)
40	L	REAR LIFTER MOTOR (UPWARD)
41	G	REAR LIFTER MOTOR (DOWNWARD)
42	B	GND
43	B	GND

Connector No.	B608
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	INS14FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	-
43	B	-
57	G	-
58	Y	-

Connector No.	D4
Connector Name	WIRE TO WIRE
Connector Type	NH60FW-TS12



Terminal No.	Color Of Wire	Signal Name [Specification]
2	R	- [With DRPO]
4	SB	- [Without DRPO]
5	R	- [With DRPO]
6	Y	- [Without DRPO]
7	V	-
8	LG	-
9	G	-
10	GR	-
11	Y	-
12	SHIELD	-
13	BG	-
14	L	-
15	B	-
16	Y	-
17	GR	-
18	R	-
19	GR	-
20	W	-
21	LG	-
22	W	-
23	L	-
24	G	-
25	BR	-
26	R	-
27	BR	-
28	V	-
29	B	-
30	W	-
31	P	-
32	Y	-
33	BR	-
34	L	-
35	R	-
36	GR	-

JRMWE0015GB

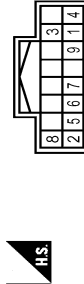
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

37	G	-
38	P	-
39	L	-
40	B	-
41	GR	-
42	Y	-
43	W	-
44	R	-
45	BR	-
46	B	-
47	V	-
48	GR	-
49	GR	-
50	BR	-
51	R	-
52	L	-
53	V	-
54	GR	-
55	GR	-
56	BR	-
57	R	-
58	L	-
59	V	-
60	G	-
61	BG	-
62	Y	-
63	SB	-
64	B	-
65	Y	-
66	BR	-
67	Y	-
68	L	-
69	L	-
70	W	-
71	LG	-
72	P	-

Connector No.	D9
Connector Name	SEAT MEMORY SWITCH
Connector Type	THIBEW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	-
2	BR	-
3	GR	-
4	B	-
5	BG	-
6	W	-

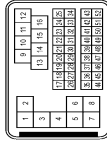
7	P	-
8	L	-
9	G	-

Connector No.	E1
Connector Name	STARTER MOTOR
Connector Type	2434S 51E61



Terminal No.	Color Of Wire	Signal Name [Specification]
2	B/Y	-

Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RSB-S428



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L/Y	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	BR	-
6	SB	-
7	G	-
8	W	-
9	W	-
10	Y	-
11	P	-
12	SB	-
13	L	-
14	G	-

15	LG	-
16	BR	-
17	L	-
18	B	-
19	GR	-
20	G	-
21	V	-
22	Y	-
23	L	-
24	GR	-
25	V	-
26	BR	-
27	W	-
28	V	-
29	BR	-
30	R	-
31	P	-
32	G	-
33	B	-
34	BG	-
35	LG	-
36	W	-
37	SHIELD	-
38	L	-
39	P	-
40	R	-
41	W	-
42	LG	-
43	G	-
44	Y	-
45	SHIELD	-
46	W	-
47	W	-
48	BR	-
49	G	-
50	B	-
51	SB	-
52	R	-

Connector No.	E15
Connector Name	FRONT FOG LAMP LH
Connector Type	FHZ02FB



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

Connector No.	E16
Connector Name	FRONT FOG LAMP RH
Connector Type	FHZ02FB



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

JRMWE0016GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E25
Connector Name	WIRE TO WIRE
Connector Type	TH60FH-GS16-TM



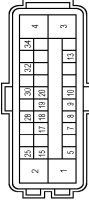
Terminal No.	Color Of Wire	Signal Name [Specification]
2	W	-
3	LG	-
4	BR	-
6	V	-
7	L	-
10	BR	-
11	L	-
12	GR	-
13	W	-
14	B	-
15	SB	-
16	Y	-
17	BR	-
18	P	-
31	Y	-
32	GR	-
35	GR	-
36	R	-
37	V	-
38	L	-
39	Y	-
40	SB	-
41	LG	-
44	Y	-
45	W	-
46	B	-
47	G	-
48	SHIELD	-
49	R	-
50	BR	-
51	L	-
52	W	-
53	V	-
54	P	-
55	W	-
56	SB	-

Connector No.	E30
Connector Name	STEERING ANGLE SUB CONTROL MODULE
Connector Type	Y02FB-1V



Terminal No.	Color Of Wire	Signal Name [Specification]
33	B	GROUND
34	G	BATTERY POWER SUPPLY

Connector No.	E35
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT CONTROL UNIT
Connector Type	SA230FB-SJ24-U



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	B	VALVE BATTERY
4	Y	MOTOR BATTERY
5	V	STOP LAMP SW SIGNAL [With ICC]
7	GR	RR LH WHEEL SENSOR SIGNAL
8	G	RR RH WHEEL SENSOR SIGNAL
9	BR	FR RH WHEEL SENSOR SIGNAL
10	GR	FR RH WHEEL SENSOR POWER SUPPLY
13	R	VACUUM SENSOR SIGNAL
15	R	CAN-L [With Gateway]
17	Y	RR RH WHEEL SENSOR SIGNAL
18	V	RR RH WHEEL SENSOR POWER SUPPLY
19	SB	FR LH WHEEL SENSOR SIGNAL
20	BQ	FR LH WHEEL SENSOR POWER SUPPLY
25	L	CAN-H
28	G	VACUUM SENSOR POWER SUPPLY

Connector No.	E27
Connector Name	STEERING ANGLE MAIN CONTROL MODULE
Connector Type	Y02FB-1V



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

30	R	VDC OFF SW SIGNAL
32	SHIELD	VACUUM SENSOR GROUND
34	G	IGN

Connector No.	E38
Connector Name	VVEL CONTROL MODULE
Connector Type	RH18FB-AJ25-RH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	VVEL ACTUATOR MOTOR POWER SUPPLY (BANK 2)
2	L/B	VVEL ACTUATOR MOTOR (HIGH LIFT) (BANK 2)
3	G	VVEL CONTROL SHIF POSITION SENSOR 1 (BANK 1)
4	W	SENSOR BRAKE (VVEL CONTROL SHIF POSITION SENSOR 1 (BANK 1))
5	R	VVEL CONTROL SHIF POSITION SENSOR 1 (BANK 2)
6	B	SENSOR BRAKE (VVEL CONTROL SHIF POSITION SENSOR 1 (BANK 2))
7	SB	SENSOR BRAKE (VVEL CONTROL SHIF POSITION SENSOR 1 (BANK 2))
8	BQ	POWER SUPPLY FOR VVEL CONTROL MODULE
9	LG	SENSOR BRAKE (VVEL CONTROL SHIF POSITION SENSOR 1 (BANK 2))
11	GR	ENGINE COMMUNICATION LINE
12	G	VVEL ACTUATOR MOTOR (HIGH LIFT) (BANK 1)
13	Y	VVEL ACTUATOR MOTOR POWER SUPPLY (BANK 1)
14	B/W	VVEL CONTROL MODULE GROUND
15	L/Y	VVEL ACTUATOR MOTOR (LOW LIFT) (BANK 2)
16	R	VVEL CONTROL SHIF POSITION SENSOR 2 (BANK 1)
17	L	VVEL CONTROL SHIF POSITION SENSOR 2 (BANK 1)
18	G	VVEL CONTROL SHIF POSITION SENSOR 2 (BANK 2)
19	W	SENSOR BRAKE (VVEL CONTROL SHIF POSITION SENSOR 2 (BANK 2))
20	BR	VVEL ACTUATOR MOTOR RELAY ABORT SIGNAL
21	V	VVEL ACTUATOR MOTOR RELAY ABORT SIGNAL
22	P	SENSOR POWER SUPPLY (VVEL position SENSOR 1 (BANK 1))
23	Y	VVEL ACTUATOR MOTOR RELAY
24	L	ENGINE COMMUNICATION LINE
25	BR	VVEL CONTROL MOTOR (LOW LIFT) (BANK 1)

JRMWE0017GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E41
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	HS08PE-PR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	Y	-
3	B/Y	-
4	B/W	-
5	V	-
7	P	-
8	LG	-

Connector No.	E42
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	HS08PE-PR



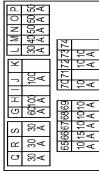
Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	V	-
3	B/Y	-
4	B/W	-
5	R	-
7	BR	-
8	P	-

Connector No.	E45
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03FBR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	(+BAT)
3	BG	BUZZER SIGNAL

Connector No.	E46
Connector Name	FUSE AND FUSEBLE LINK BLOCK
Connector Type	I24384 4CA0A



Terminal No.	Color Of Wire	Signal Name [Specification]
65	GR	-
66	SB	-
67	BG	-
68	LG	-
69	V	-
70	GR	-
72	G	-
73	P	-
G	L	-
H	R	-
J	R	-
L	G	-
M	W	-
N	Y	-
O	BR	-
P	SB	-
Q	G	-
R	GR	-

S	BR	-
---	----	---



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

Connector No.	E57
Connector Name	STOP LAMP SWITCH
Connector Type	MM0FW-LC



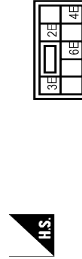
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	- [With ACSD]
1	L	- [With ICC]
2	GR	- [With ACSD]
2	LG	- [With ICC]
3	BR	-
4	V	-

Connector No.	E63
Connector Name	FUSE BLOCK (J/B)
Connector Type	L02FB-MC



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

Connector No.	E64
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
2E	P	-
3E	V	-
4E	GR	-
6E	L	-

JRMWE0018GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E65
Connector Name	FUSE BLOCK (J/B)
Connector Type	TH12FH-4H



Terminal No.	Color Of Wire	Signal Name [Specification]
10F	W	-
11F	G	-
12F	W	-
1F	V	-
2F	BR	-
3F	P	-
5F	P	-
6F	L	-
7F	R	-
8F	L	-
9F	L	-

Connector No.	E66
Connector Name	WIRE TO WIRE
Connector Type	L01FB-MC



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

Connector No.	E67
Connector Name	VVEL ACTUATOR MOTOR RELAY
Connector Type	Z4347 5P-900



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

Connector No.	E101
Connector Name	VEHICLE SECURITY HORN RELAY
Connector Type	V243B4 4GA0A



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	BO	-
3	Y	-

Connector No.	E102
Connector Name	HORN RELAY
Connector Type	Relay Z43B4 4GA0A



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	LG	-
3	V	-

Connector No.	E103
Connector Name	COOLING FAN RELAY 1
Connector Type	C 243B4 4GA0A



Terminal No.	Color Of Wire	Signal Name [Specification]
2	G	-
3	SB	-
5	BR	-
5	R	-

Connector No.	E104
Connector Name	DAYTIME RUNNING LIGHT RELAY
Connector Type	D 243B4 4GA0A



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	GR	-
5	P	-
6	Y	-
7	G	-

Connector No.	E118
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE (HORN)
Connector Type	L02FB-MC



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

JRMWE0019GB

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

PG

BATTERY POWER SUPPLY

Connector No.	E119
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	M04FW-LC



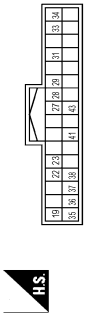
Terminal No.	Color Of Wire	Signal Name [Specification]
3	GR	-

Connector No.	E120
Connector Name	IPDM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	NS12FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
7	B/W	-
9	P	-
10	LG	-
11	V	-
13	Y	-
14	SB	-
15	Y	-
17	GR	-
18	J	-

Connector No.	E121
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH32FW-NH



Terminal No.	Color Of Wire	Signal Name (Specification)
19	G	-
22	BG	-
23	LG	-
27	GR	-
28	P	-
29	L	-
31	G	-
33	S9	-
34	Y	-
35	G	-
36	S9	-
37	GR	-
38	BR	-
41	GR	-
43	V	-

Connector No.	E123
Connector Name	IPSW E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS10FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
52	G	-
53	BR	-
54	Y	-
55	W	-
56	L	-

57	P	-
58	SB	-
59	V	-
61	GR	-

Connector No.	E124
Connector Name	(PDP) E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH12FW-NH



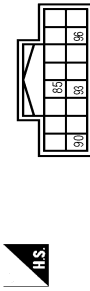
Terminal No.	Color Of Wire	Signal Name [Specification]
65	BG	=
69	R	=
70	BR	=
71	Y	=
72	P	=

Connector No.	E125
Connector Name	IPDUE/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS08FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
74	G	-
75	R	-
76	V	-
78	W	-
79	L	-
80	BR	-
81	P	-

Connector No.	E126
Connector Name	IPOM L&R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH16FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
85	L	-
90	BR	-
93	V	-
96	P	-

Connector No.	E127
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L02FBR-MC



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E128
Connector Name	BATTERY TERMINAL WITH FUSELE LINK
Connector Type	UZF-GY-MC



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

Connector No.	E129
Connector Name	BATTERY TERMINAL WITH FUSELE LINK
Connector Type	24340.79905



Terminal No.	Color	Wire	Signal Name [Specification]
5	R		

Connector No.	E130
Connector Name	BATTERY TERMINAL WITH FUSELE LINK
Connector Type	24340.79908



Terminal No.	Color	Wire	Signal Name [Specification]
6	B/Y		

Connector No.	E131
Connector Name	ALTERNATOR
Connector Type	24340.65F45



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

Connector No.	F2
Connector Name	A/T ASSEMBLY
Connector Type	RK10FG-DGY



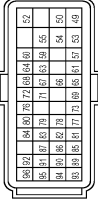
Terminal No.	Color	Wire	Signal Name [Specification]
1	GR		IGNITION POWER SUPPLY
2	P		BATTERY POWER SUPPLY (MEMORY BACK-UP)
3	L		CAN-H
4	LG		K-LINE
5	B		GROUND
6	GR		IGNITION POWER SUPPLY
7	BG		BACK-UP LAMP RELAY
8	P		CAN-L
9	GR		STARTER RELAY
10	B		GROUND

Connector No.	F7
Connector Name	EOM
Connector Type	RH40FB-RZB-L-LH-Z



Terminal No.	Color	Wire	Signal Name [Specification]
1	W		A/F SENSOR 1 HEATER (BANK 1)
2	G		THROTTLE CONTROL MOTOR (BANK 1) (OPEN)
3	R		THROTTLE CONTROL MOTOR POWER SUPPLY (BANK 1)
4	BR		THROTTLE CONTROL MOTOR (BANK 1) (CLOSE)
5	GR		A/F SENSOR 1 HEATER (BANK 2)
8	B		ECM GROUND
11	GR		IGNITION SIGNAL No. 4
12	L		IGNITION SIGNAL No. 3
14	Y		FUEL PUMP CONTROL MODULE (FCM)
15	V		IGNITION SIGNAL No. 5
16	G		IGNITION SIGNAL No. 2
17	P		HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
18	W		INTAKE VALVE TRIMM CONTROL SOLENOID VALVE (BANK 1)
19	SB		IGNITION SIGNAL No. 6
20	Y		IGNITION SIGNAL No. 1
21	GR		EXP-VALVE TEST PULSE PULSE CONTROL SOLENOID VALVE
22	R		FUEL PUMP RELAY
24	GR		ECM RELAY (SELF SHUT-OFF)
25	BR		THROTTLE CONTROL MOTOR RELAY
28	BR		INTAKE VALVE TRIMM CONTROL SOLENOID VALVE (BANK 2)
29	G		THROTTLE POSITION SENSOR 1 (BANK 1)
30	W		THROTTLE POSITION SENSOR 2 (BANK 1)
31	P		THROTTLE POSITION SENSOR 1 (BANK 2)
32	W		FUEL PUMP CONTROL MODULE (FCM) CHECK
33	SB		HEATED OXYGEN SENSOR 2 HEATER (BANK 2)
34	B		THROTTLE POSITION SENSOR 2 (BANK 2)
35	LG		THROTTLE POSITION SENSOR 2 (BANK 2)
37	W		CRANKSHAFT POSITION SENSOR
38	P		MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
40	R		SENSOR GROUND (THROTTLE POSITION SENSOR BANK 1)
43	GR		SENSOR POWER SUPPLY (THROTTLE POSITION SENSOR BANK 1)
44	G		SENSOR POWER SUPPLY (THROTTLE POSITION SENSOR BANK 2)
46	R		SENSOR GROUND (CRANKSHAFT POSITION SENSOR)
47	Y		SENSOR GROUND (THROTTLE POSITION SENSOR BANK 2)
48	SB		

Connector No.	F8
Connector Name	EOM
Connector Type	RH40FB-RZB-L-LH-Z



Terminal No.	Color	Wire	Signal Name [Specification]
49	GR		THROTTLE CONTROL MOTOR (BANK 2) (CLOSE)
50	W		THROTTLE CONTROL MOTOR (BANK 2) (OPEN)
52	R		THROTTLE CONTROL MOTOR POWER SUPPLY (BANK 2)
53	G		IGNITION SWITCH
54	Y		ENGINE COMMUNICATION LINE
55	LG		ENGINE COMMUNICATION LINE
57	L		A/F SENSOR 1 (BANK 1)
59	SB		CRANKSHAFT POSITION SENSOR (BANK 1)
60	GR		
61	R		A/F SENSOR 1 (BANK 1)
63	L		CRANKSHAFT POSITION SENSOR (BANK 2)
64	W		CRANKSHAFT POSITION SENSOR (BANK 2)
65	LG		A/F SENSOR 1 (BANK 2)
66	V		A/F SENSOR 1 (BANK 2)
67	P		INTAKE AIR TEMPERATURE SENSOR
68	LG		INTAKE AIR TEMPERATURE SENSOR
69	W		NOCK SENSOR (BANK 2)
71	Y		ENGINE COOLANT TEMPERATURE SENSOR
72	SHIELD		NOCK SENSOR (BANK 1)
73	W		NOCK SENSOR (BANK 1)
76	W		HEATED OXYGEN SENSOR 2 (BANK 1)
77	SB		MASS AIR FLOW SENSOR (BANK 1)
78	BR		ENGINE OIL FLOW SENSOR (BANK 2)
79	G		MASS AIR FLOW SENSOR (BANK 2)
80	EG		HEATED OXYGEN SENSOR 2 (BANK 2)
81	R		FUEL INJECTOR No. 3
82	V		FUEL INJECTOR No. 6
83	BG		BATTERY TEMPERATURE SENSOR
84	B		FUEL INJECTOR No. 2
85	BR		FUEL INJECTOR No. 5
86	W		FUEL INJECTOR No. 4
87	Y		POWER STEERING PRESSURE SENSOR
89	GR		FUEL INJECTOR No. 1
90	BG		FUEL INJECTOR No. 4
91	R		BATTERY CURRENT SENSOR
92	G		SENSOR GROUND (CRANKSHAFT POSITION SENSOR BANK 2)

JRMWE0021GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

33	P	POWER SUPPLY FOR ECM (BACK-UP)
34	Y	SENSOR GROUND (PUMP GROUND) (BANK 2)
35	B	GRND COURSEN
36	BR	GRND PHASE 1/PS

Connector No.	F12
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RSE-SHZ8



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

31	P	-
32	GR	-
33	BG	-
34	BG	-
35	LG	-
36	SB	-
37	SHIELD	-
38	W	-
39	Y	-
40	G	-
41	B	-
42	GR	-
43	R	-
44	BG	-
45	Y	-
46	SHIELD	-
47	W	-
48	LG	-
49	L	-
50	R	-
51	SB	-
52	G	-

Connector No.	F22
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	RH04MB



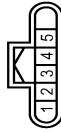
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	LG	-
3	SB	-
4	BG	-

Connector No.	F23
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	RH04MB



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

Connector No.	F35
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH06FB



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	P	-
3	SB	-
4	LG	-
5	Y	-

Connector No.	F38
Connector Name	AIR FUEL RATIO (A/F) SENSOR (BANK 1)
Connector Type	RH04FCY-P



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

Connector No.	F45
Connector Name	PUMP CAMSTER PULSE VOLUME CONTROL SOLINOID VALVE
Connector Type	E02FL-RS-LQY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	POWER
2	GR	GND

JRMWE0022GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	F47
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	E02FG-RS-LGY



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

Connector No.	F53
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	E02FG-RS-LGY



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

Connector No.	F58
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	RH04FDGY-P



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	V	-
3	GR	-
4	Y	-

Connector No.	F65
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH06FB



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

Connector No.	F63
Connector Name	ALTERNATOR
Connector Type	HS03FB



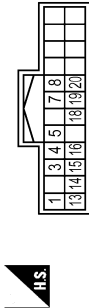
Terminal No.	Color Of Wire	Signal Name [Specification]
2	G	-
3	V	-
4	W	-

Connector No.	F100
Connector Name	TOM TRANSMISSION CONTROL MODULE
Connector Type	SPI0FG



Terminal No.	Color Of Wire	Signal Name [Specification]
2	-	IGNITION POWER SUPPLY
3	-	BATTERY POWER SUPPLY (MEMORY BACK-UP)
4	-	IGNITION
5	-	GROUND
6	-	IGNITION POWER SUPPLY
7	-	BACK-UP LAMP RELAY
8	-	IGNITION
9	-	STARTER RELAY
10	-	GROUND

Connector No.	M1
Connector Name	INTEGRAL SWITCH
Connector Type	TH24FH-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	BAT
3	SB	AV COMM (L)
4	LG	AV COMM (H)
5	G	DOOR LOCK STATUS INDICATOR LAMP SIGNAL
7	W/B	DISK EJECT SIGNAL
8	G	HAZARD SIGNAL
13	B	ACC
14	V	ILLUMINATION CONTROL SIGNAL
15	B	DISK EJECT SIGNAL GROUND
16	BG	IGN
18	R	IGN
19	BR	CAMERA SWITCH SIGNAL
20	LG	AIR BAG INDICATOR OFF SIGNAL

Connector No.	M7
Connector Name	A/T SHIFT SELECTOR
Connector Type	TH12FH-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	GR	-
3	BG	-
4	B	-
5	G	-
7	R	-
8	V	-

JRMWE0023GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

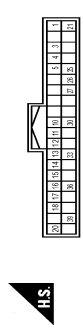
9	B	-
10	GR	-
11	R	-

Connector No.	M8
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



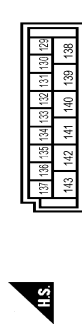
Terminal No.	Color Of Wire	Signal Name [Specification]
1	SHIELD	SHIELD
2	L	SOUND SIGNAL FRONT LH (+)
3	R	SOUND SIGNAL FRONT LH (-)
4	LG	SOUND SIGNAL REAR LH (+)
5	SB	SOUND SIGNAL REAR LH (-)
6	W/B	ACC
7	SB	DISK EJECT SIGNAL
8	BG	DISK EJECT SIGNAL GND
9	LG	SHIELD
10	P	SOUND SIGNAL FRONT RH (+)
11	B	SOUND SIGNAL FRONT RH (-)
12	P	SOUND SIGNAL REAR RH (+)
13	B	SOUND SIGNAL REAR RH (-)
14	Y	BAT
15	Y	BAT
16	B	GND
17	B	GND

Connector No.	M13
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	PUSH SW
2	Y	SENS PWR SPLY
3	BG	OPTICAL SENSOR
4	LG	COMBI SW OUTPUT 1
5	W	COMBI SW OUTPUT 2
6	SB	COMBI SW OUTPUT 3
7	L	COMBI SW OUTPUT 4
8	G	COMBI SW OUTPUT 5
9	P	ONE TOUCH UNLK SENS (DR)
10	G	ONE TOUCH UNLK SENS (PASS)
11	P	RECEIVER/SENSOR GND
12	L	SECURITY IND LAMP CONT
13	R	DETENT SW
14	SB	STOP LAMP CONT
15	R	EXTENDED LAMP SW
16	P	SEATBELT SW
17	P	DR DOOR UNLK SENS
18	W	TR ID OP CANCEL SW
19	V	HAZARD SW
20	G	P/N POSITION

Connector No.	M17
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FE408FW-FH4E-SA



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	INT ROOM LAMP PWR SPLY
2	P	PASS DOOR UNLK OUTPUT
3	Y	BAT (FUSE)
4	V	RR RL DOOR UNLK OUTPUT
5	BR	RR RL DOOR UNLK OUTPUT
6	B	GND
7	V	FRONT DOOR FL LID LK OUTPUT
8	V	INT ROOM LAMP CONT
9	LG	FRONT DOOR FL LID UNLK OUTPUT
10	P	REAR DOORS ACT PWR SPLY
11	W	BAT F/L
12	BR	IGN ON
13	R	PWR SPLY (BAT)
14	R	FRONT DOORS FL LID ACT PWR SPLY
15	B	GND

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-GS16-TM4



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

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

JRMWE0024GB

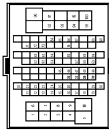
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

97	V	-
98	BR	-

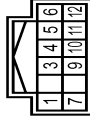
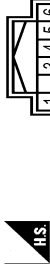
Connector No.	M22
Connector Name	WIRE TO WIRE
Connector Type	TH80MH-CS16-TM



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	L	-
3	R	-
4	SHIELD	-
5	G	-
6	BG	-
7	LG	-
8	P	-
9	SHIELD	-
10	V	-
11	GR	-
12	V	-
13	LG	-
14	LG	-
15	B	-
16	SB	- [With DCM]
17	V	- [Without DCM]
18	L	-
19	G	-
20	GR	-
21	R	-
22	W	-
23	L	-
24	V	-
25	LG	-
26	GR	-
29	SB	-
30	LG	-
36	R	-
37	R	-
38	W	-

39	V	-
45	G	-
46	SHIELD	-
47	G	-
48	GR	-
49	SB	-
52	Y	-
53	R	-
54	GR	-
57	L	-
58	SB	-
59	LG	-
62	V	-
63	L	-
64	W	-
66	R	-
68	L	-
69	P	-
71	R	-
72	G	-
73	SHIELD	-
76	V	-
84	BR	-
85	BR	-
86	V	-
87	LG	-
89	BR	-
90	V	-
92	W	-
93	R	-
94	R	-
95	L	-
96	BR	-
97	L	-
98	BR	-
100	BR	-

Connector No.	M24
Connector Name	CAN GATEWAY
Connector Type	TH12FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	CAN-H
3	W	BATTERY
4	L	CAN2-H
5	B	GND
6	L	CAN2-H
7	P	CAN-L
9	R	IGN
10	R	CAN2-L
11	B	GND
12	R	CAN3-L

Connector No.	M25
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



Terminal No.	Color Of Wire	Signal Name [Specification]
3	SB	AV COMM (L)
4	B	EARTH
5	B	EARTH
6	L	CAN-H
7	V	KLINE
8	W	IGN SW
11	LG	AV COMM (H)
12	R	CAN-L
13	L	CAN-H
14	P	CAN-L

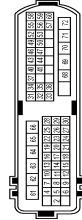
16	W	POWER
----	---	-------

Connector No.	M31
Connector Name	EXTERNAL DATA INPUT BOX
Connector Type	TH12FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
11	W	AUX SOUND SIGNAL LH
12	R	AUX SOUND SIGNAL RH
13	B	AUX SOUND SIGNAL RH
15	B	GND
16	Y	BAT
19	L	AUX IMAGE SIGNAL (+)
20	V	AUX IMAGE SIGNAL (-)
21	SB	ACC

Connector No.	M33
Connector Name	WIRE TO WIRE
Connector Type	NH60MH-TS12



Terminal No.	Color Of Wire	Signal Name [Specification]
2	W	-
4	G	- [With DRPO]
4	SB	- [Without DRPO]
5	G	-
6	R	-
7	R	-
8	GR	-
9	GR	-
10	W	-

JRMWE0025GB

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

11	SHIELD	-
12	P	-
13	SB	-
14	G	-
15	W	-
16	Y	-
17	P	-
18	W/B	-
19	LG	- [With DRPO]
20	V	- [Without DRPO]
21	B	-
22	BG	- [Without DRPO]
23	G	- [With DRPO]
24	Y	-
25	BG	- [Without DRPO]
26	L	- [With DRPO]
27	GR	-
28	V	-
29	B	-
30	W	-
31	B	-
32	SB	-
33	L	-
34	BR	-
35	LG	-
36	W	-
37	B	-
38	Y	-
39	SB	-
40	B	-
41	BG	-
42	GR	-
43	Y	-
44	BR	-
45	G	-
46	V	-
47	B	-
48	W	-
49	Y	-
50	B	-
51	BR	-
52	B	-
53	BG	-
54	GR	-
55	Y	-
56	BR	-
57	V	-
58	R	-
59	G	-
60	L	-
61	G	-
62	R	-
63	V	-
64	B	-

65	R	-
66	BR	-
67	Y	-
68	W	-
69	LG	-
70	V	-
71	GR	-
72	B	-

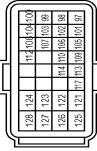
Connector No.	M35
Connector Name	DRIVE MODE SELECT SWITCH
Connector Type	TH08FW-NH



HS

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

Connector No.	M37
Connector Name	ECM
Connector Type	RM24FDY-#E2B-R-LH-Z



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Terminal No.	Color	Wire	Signal Name [Specification]
57	GR	-	-
58	B	-	-
59	SB	-	-
60	W	-	-
61	W/B	-	-
62	R	-	-
63	R	-	-
64	R	-	-
65	R	-	-
66	V	-	-
67	LG	-	-
68	EG	-	-
69	EG	-	-
70	V	-	-
71	V	-	-
72	LG	-	-
73	R	-	-
74	BR	-	-
75	B	-	-
76	G	-	-
77	G	-	-
78	G	-	-
79	R	-	-
80	R	-	-
81	R	-	-
82	R	-	-
83	R	-	-
84	V	-	-
85	V	-	-
86	V	-	-
87	W	-	-
88	R	-	-
89	EG	-	-
90	EG	-	-
91	W	-	-
92	R	-	-
93	EG	-	-
94	EG	-	-
95	BR	-	-
96	W	-	-
97	LG	-	-
98	Y	-	-
99	BR	-	-
100	SHIELD	-	-

Connector No.	Connector Name	Connector Type
M42	AWD CONTROL UNIT	TH1BFW-NH



Terminal No.	Color	Wire	Signal Name [Specification]
1	BR	-	AWD SOL (+)
2	Y	-	AWD SOL (-)
3	W/B	-	FLUID TEMP (-)
7	G	-	IGN
8	L	-	CAN-H
9	EG	-	AWD SOL BAT
10	B	-	GND

Terminal No.	Color	Wire	Signal Name [Specification]
11	B	-	GND
12	LG	-	FLUID TEMP (+)
13	W	-	BATTERY POWER SUPPLY
14	R	-	CAN-L (Inboard Gateway)
15	R	-	CAN-L (Outboard Gateway)

Connector No.	Connector Name	Connector Type
M44	AUTOMATIC DRIVE POSITIONER CONTROL UNIT	NS0BFW-QS



Terminal No.	Color	Wire	Signal Name [Specification]
25	SB	-	BAT
26	G	-	BACKWARD
27	W	-	POWER SUPPLY (SENSOR for 16V)
28	BR	-	DOWNWARD
29	L	-	UPWARD/FORWARD
30	B	-	GND (POWER SYSTEM)

Connector No.	Connector Name	Connector Type
M45	GLOVE BOX LAMP	A02FW



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

Connector No.	Connector Name	Connector Type
M46	HEATED SEAT RELAY	MS02FL-M2-LG



Terminal No.	Color	Wire	Signal Name [Specification]
1	B	-	-
2	R	-	-
3	G	-	-
5	LG	-	-

Connector No.	Connector Name	Connector Type
M48	HEATED STEERING WHEEL RELAY	MS02FL-M2-LG



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

Connector No.	Connector Name	Connector Type
M48	COMBINATION METER	TH12FW-NH



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

Connector No.	Connector Name	Connector Type
M49	METER CONTROL SWITCH	TH08FW-NH



Terminal No.	Color	Wire	Signal Name [Specification]
1	R	-	-
2	B	-	-
4	BR	-	-
5	SB	-	-
6	V	-	-
7	GR	-	-

JRMWE0027GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	M60
Connector Name	NAVI CONTROL UNIT
Connector Type	TH2BFW

Terminal No.	1	3	5	7	12	13	14
Color	Y	B	W	Y	W	W	W
Wire	1	2	3	4	5	6	7
Signal Name [Specification]	BAT	GND	ACC	VEHICLE SPEED SIGNAL (8-PULSE)	SHIELD	VOICE GUIDANCE SIGNAL OUTPUT (+)	VOICE GUIDANCE SIGNAL OUTPUT (-)



Connector No.	M61
Connector Name	TCU
Connector Type	TH4BFW-NH

Terminal No.	7	8	9	10	11	12
Color	B	L	L	B	B	BR
Wire	1	2	3	4	5	6
Signal Name [Specification]	BAT	GND	ACC	IGN	ACC OUTPUT	GND



Connector No.	M72
Connector Name	STEERING FORCE CONTROL MODULE
Connector Type	Y02FB-TV

Terminal No.	1	3	5	7	12	13	14
Color	Y	B	W	Y	W	W	W
Wire	1	2	3	4	5	6	7
Signal Name [Specification]	BAT	GND	ACC	VEHICLE SPEED SIGNAL (8-PULSE)	SHIELD	VOICE GUIDANCE SIGNAL OUTPUT (+)	VOICE GUIDANCE SIGNAL OUTPUT (-)

Terminal No.	33	34
Color	B	R
Wire	1	2
Signal Name [Specification]	GROUND	BATTERY POWER SUPPLY



Terminal No.	Color	Signal Name [Specification]
1	Y	BAT
2	B	GND
3	V	ACC
4	R	IGN
5	SB	ACC OUTPUT
6	SB	GND
7	B	GND
8	L	CAN-H
9	L	CAN-L
10	P	AUDIO TYPE RECOGNITION SIGNAL
11	B	MICROPHONE VCC
12	L	SHIELD
13	P	MICROPHONE SIGNAL
14	L	SHIELD
15	G	MICROPHONE VCC
16	L	SHIELD
17	G	SOUND SIGNAL
18	L	SHIELD
19	G	SOS CALL SWITCH SIGNAL
20	L	SOS SWITCH LED SIGNAL
21	L	
22	G	
23	SHIELD	
24	G	
25	BB	



Connector No.	M88
Connector Name	A/C AUTO AMP.
Connector Type	TH4BFW-NH

A/C AUTO AMP.
TH40FW-NH



Connector No.	M67
Connector Name	WIRE TO WIRE
Connector Type	PH12FB



Terminal No.	6	5	4	3	2	1
Color	W	W	W	W	W	W
Wire	1	2	3	4	5	6
Signal Name [Specification]	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE

Terminal No.	33	34
Color	B	R
Wire	1	2
Signal Name [Specification]	GROUND	BATTERY POWER SUPPLY



Connector No.	M86
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06FY-EX-TV



Terminal No.	23	26	34
Color	W	W	W
Wire	1	2	3
Signal Name [Specification]	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE

Terminal No.	1	2	3	7	9	13	19	19	18	20	21	22	23	26	27	28	30	37	38	40
Color	L	B	W	G	R	Y	B	B	B	L	L	P	B	W	B	LG	BR	BR	B	EG
Wire	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Signal Name [Specification]	CAN-H	CAN-L	BAT	AMBIENT SENS	SUNLOAD SENS	IGN SW ACC	IGN SW	DOOR MOTOR PWR SPLY	BLOWER MOTOR CONT	HEAT STRG WHL RLY CONT	CAN-L	IGN SW ON	SENS GND	IN-VEHICLE SENS	INTAKE SENS	EXH GAS/OUT ODOR DTCT SENS	GND	IONIZER CONT	ECV CONT	

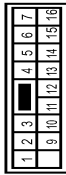
JRMWE0028GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

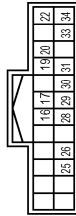
Connector No.	M102
Connector Name	WIRE TO WIRE
Connector Type	NS16MWH-CS



H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	BR	-
3	V	-
4	R	-
5	GR	-
6	V	-
7	L	-
9	P	-
10	GR	-
11	SB	-
12	W	-
13	G	-
14	BR	-
15	P	-
16	LG	-

Connector No.	M100
Connector Name	DISPLAY CONTROL UNIT
Connector Type	1H24EW-4H



H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
16	SB	AV COMM (L)
17	P	CAN-L
19	R	DIMMER SIGNAL
20	BR	REVERSE SIGNAL
22	B	GND

25	SB	-
26	BR	CAMERA SWITCH SIGNAL
28	LG	AV COMM (H)
29	L	CAN-H
30	R	VEHICLE SPEED SIGNAL (G-PULSE)
31	SB	ACC
32	Y	BAT

Connector No.	M113
Connector Name	REMOTE KEYLESS ENTRY RECEIVER
Connector Type	AAC04FB



H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	+12V
2	L	SIGNAL
3	P	GND

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	LC1MB-J4G



H.S.

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

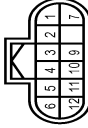
Connector No.	M118
Connector Name	CIRCUIT BREAKER
Connector Type	MG2FW-LC



H.S.

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

Connector No.	M124
Connector Name	ACCELERATOR PEDAL ACTUATOR/ACCELERATOR PEDAL POSITION SENSOR
Connector Type	RH12FB



H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	BATTERY
2	L	IGNITION
3	L	ITS COMM-H
4	W	-
5	G	-
6	Y	-
7	B	GROUND
9	Y	ITS COMM-L
10	L	-
11	R	-
12	BR	-

Connector No.	M125
Connector Name	WIRE TO WIRE
Connector Type	RH12MB



H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	G	-
3	L	-
4	L	- [With ASCD]
4	W	- [With ADAS]
5	G	- [With ASCD]
5	W	- [With ADAS]
6	R	- [With ASCD]
6	Y	- [With ADAS]
7	B	-
9	Y	-
10	GR	- [With ASCD]
10	L	- [With ADAS]
11	R	- [With ASCD]
11	V	- [With ADAS]
12	BR	-
12	P	- [With ASCD]

Connector No.	M132
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16EW-CS



H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
11B	LG	-
13B	P	-
15B	Y	-

JRMWE0029GB

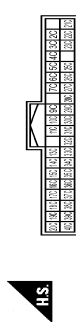
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

18B	Y	-
18B	B	-
18B	R	-
18B	Y	-

Connector No.	M133
Connector Name	FUSE BLOCK (J/B)
Connector Type	TH40FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
10C	V	-
11C	V	-
13C	L	-
14C	Y	-
15C	R	-
16C	R	-
17C	L	-
18C	B	-
18C	P	- [Without DRPO]
18C	B	- [With DRPO]
20C	B	-
20C	L	-
20C	L	-
20C	L	-
20C	LG	-
20C	SB	-
27C	P	-
28C	W	-
29C	W	-
29C	W	-
29C	R	-
30C	R	-
31C	W	-
32C	R	-
33C	B	-
34C	W/B	-
35C	SB	-
36C	R	-
37C	W	-
38C	SB	-
38C	V	-

3C	P	-
4C	G	-
5C	P	-
6C	G	-
7C	G	-
9C	V	-

Connector No.	R4
Connector Name	MAP LAMP
Connector Type	TH08FW-1V-NH



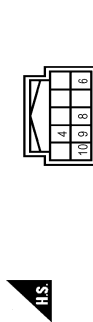
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	L	-
3	BR	-
6	B	-
7	SB	-
8	B	-

Connector No.	R5
Connector Name	RAIN SENSOR
Connector Type	A4B03FB



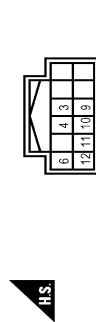
Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	R	-
3	B	-

Connector No.	R6
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
4	B	-
6	GR	-
8	B	-
9	BR	-
10	B	-

Connector No.	R9
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH12FW-NH-B



Terminal No.	Color Of Wire	Signal Name [Specification]
3	B	-
4	B	-
6	GR	-
9	BR	-
10	B	-
11	GR	-
12	BR	-

Connector No.	R22
Connector Name	TELEMATICS SWITCH
Connector Type	TH08FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	-
2	BR	-
3	G	-
5	SB	-
6	B	-
7	B	-

Connector No.	T47
Connector Name	TRUNK LID OPENER REQUEST SWITCH ASSEMBLY
Connector Type	TH04MM-NH



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

JRMWE0030GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	T48
Connector Name	WIRE TO WIRE
Connector Type	NS34FW-CS



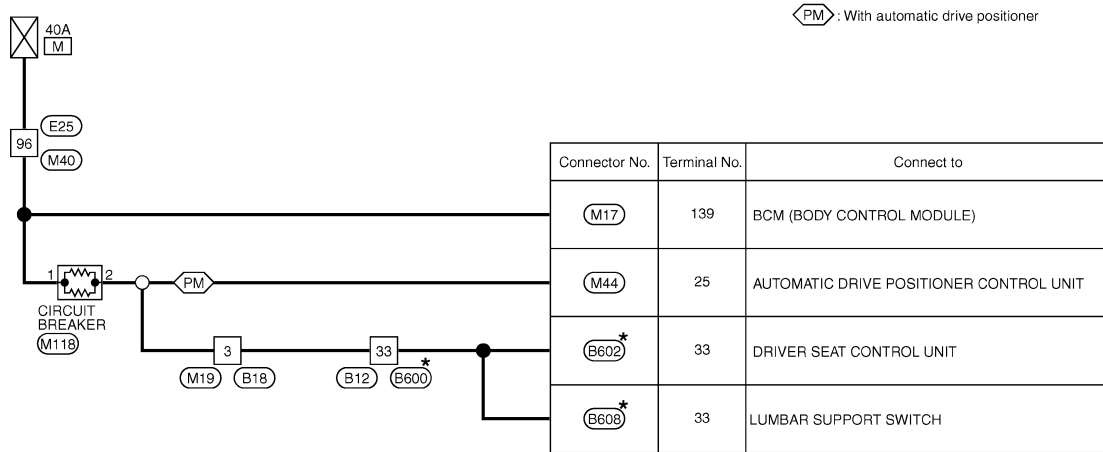
	6	5	4			2	1
16	15	14	13		11	10	9
8							

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000009239712



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

2013/05/17

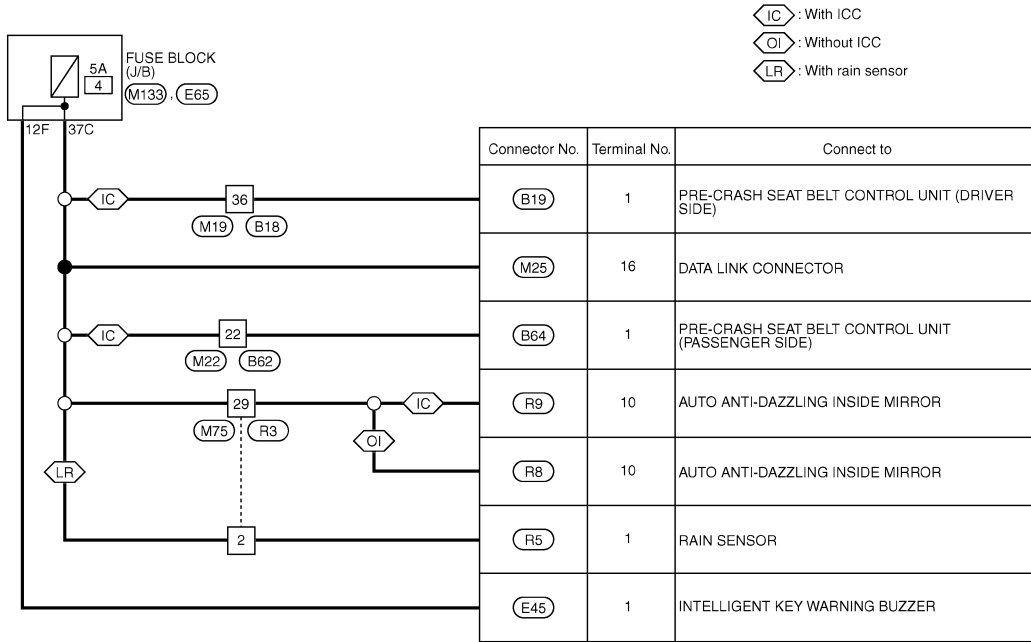
JRMWE0032GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 4 - BATTERY POWER SUPPLY FUSE No. 4

INFOID:000000009621397



2013/05/17

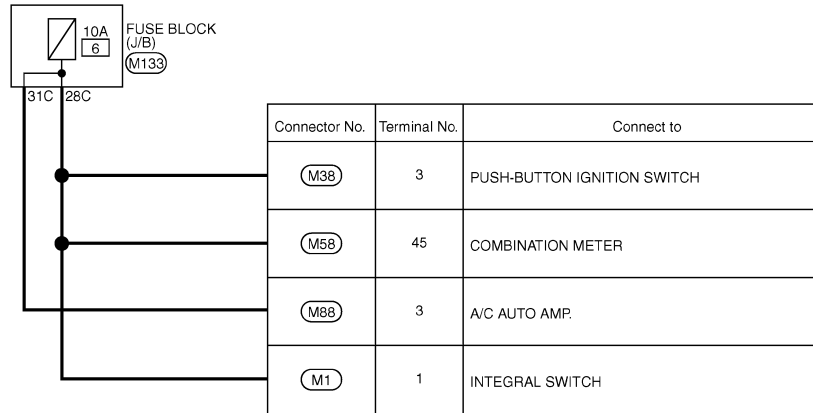
JRMWE0033GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 - BATTERY POWER SUPPLY FUSE No. 6

INFOID:000000009239713



2013/05/17

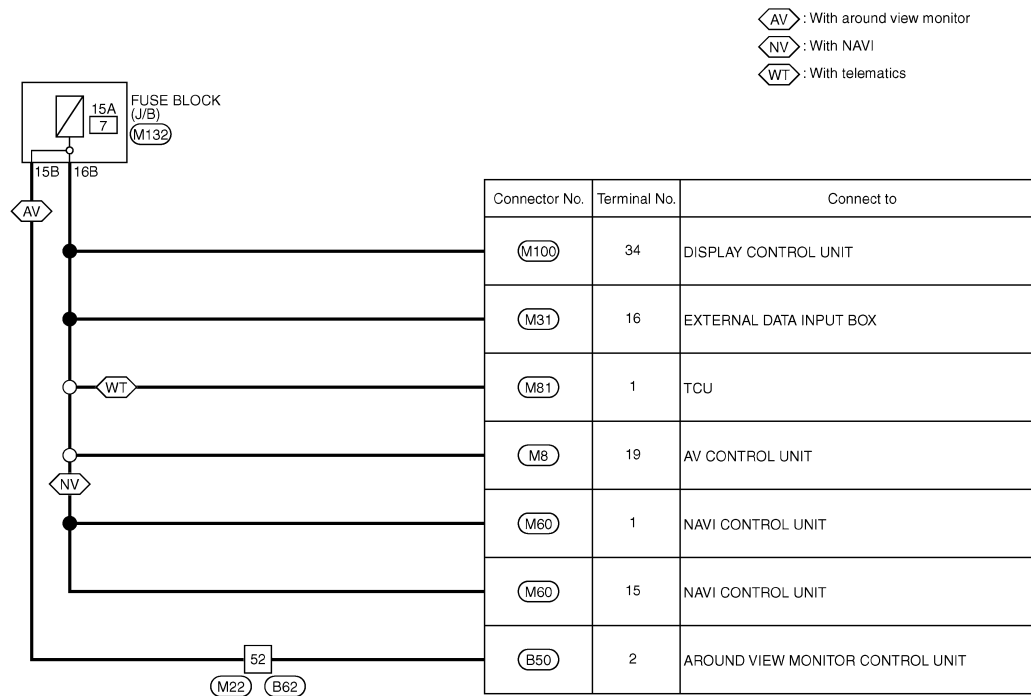
JRMWE0034GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000009239714



2013/05/17

JRMWE0035GB

POWER SUPPLY ROUTING CIRCUIT

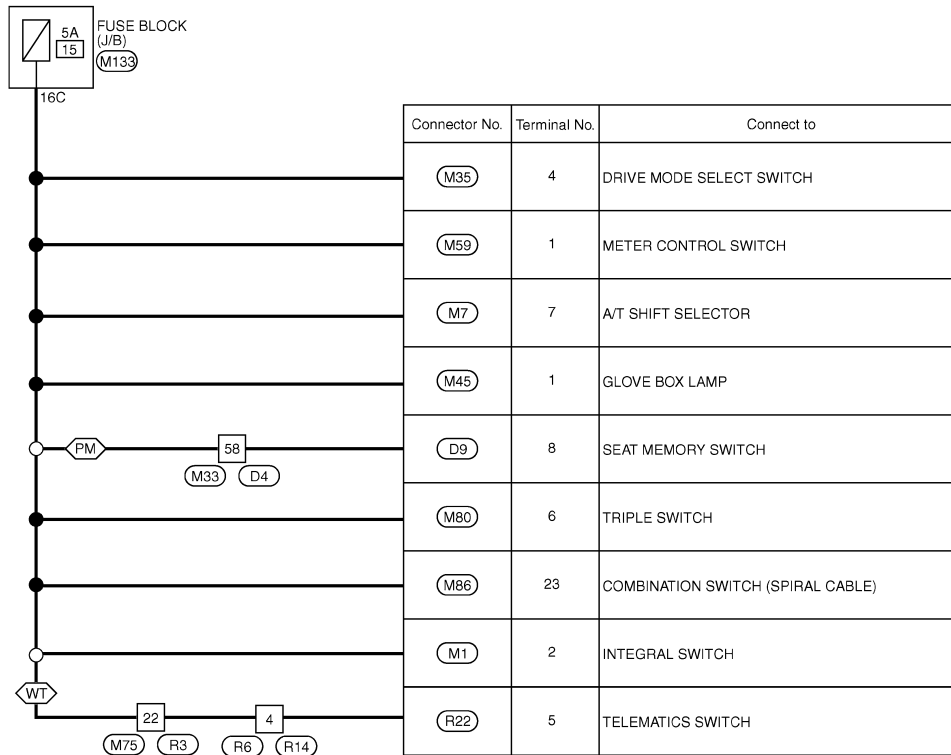
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 15 - BATTERY POWER SUPPLY FUSE No. 15

INFOID:000000009239715

PM : With automatic drive positioner

WT : With telematics



2013/05/17

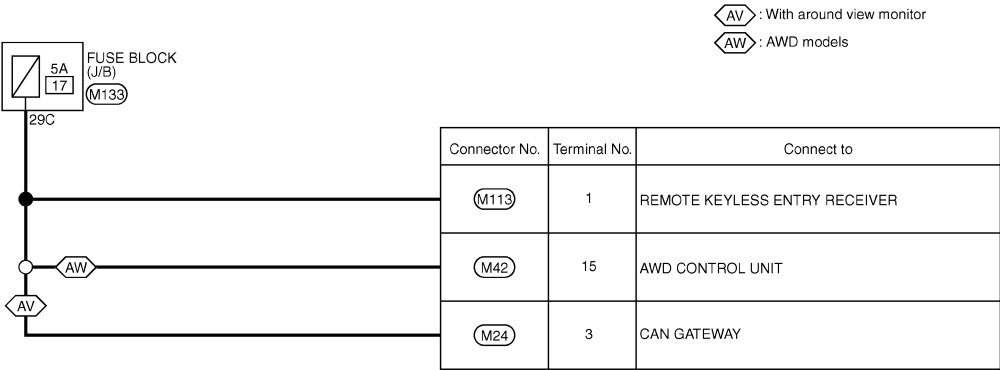
JRMWE0036GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 17 -
BATTERY POWER SUPPLY FUSE No. 17

INFOID:000000009239716



2013/05/17

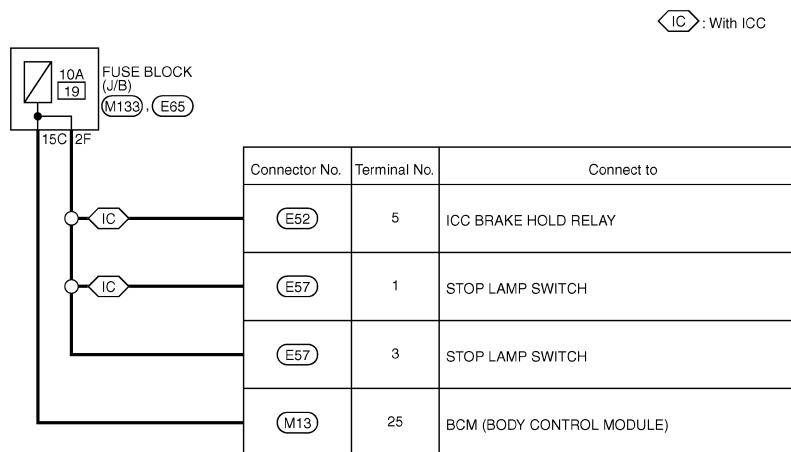
JRMWE0037GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000009239717



2013/05/17

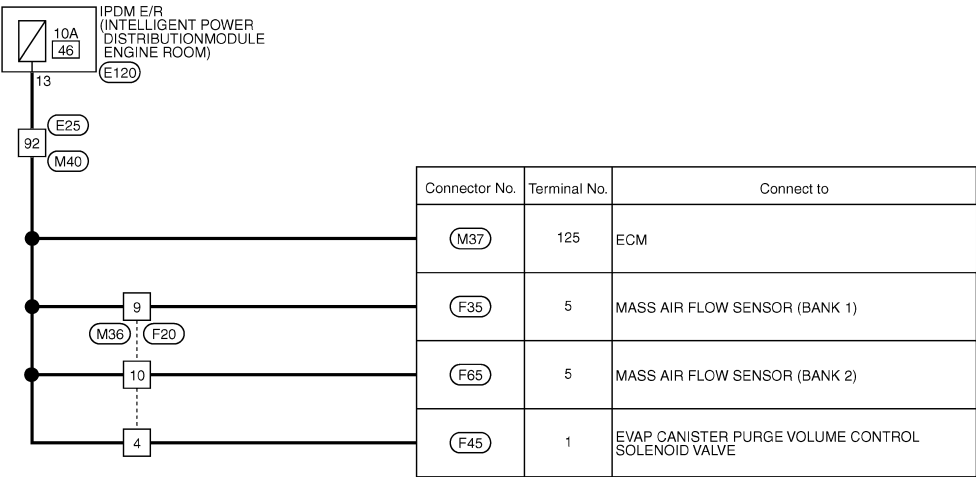
JRMWE0038GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000009239718



2013/05/17

JRMWE0039GB

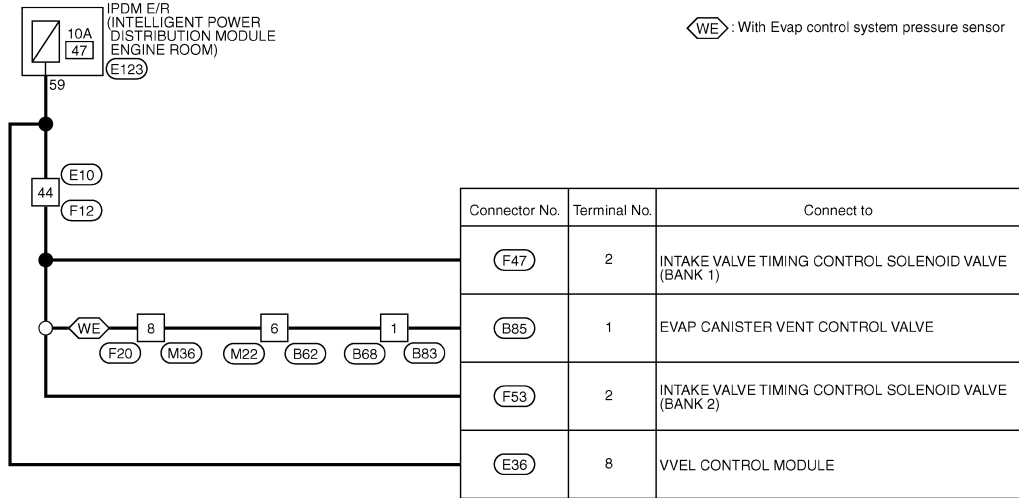
PG

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 47 - BATTERY POWER SUPPLY FUSE No. 47

INFOID:000000009239719



2013/05/17

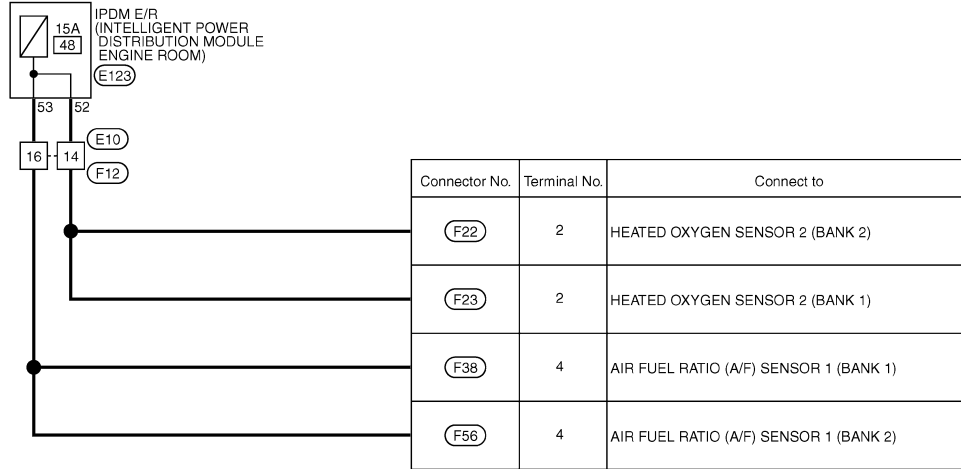
JRMWE0040GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 48 - BATTERY POWER SUPPLY FUSE No. 48

INFOID:000000009621399



2013/05/17

JRMWE0041GB

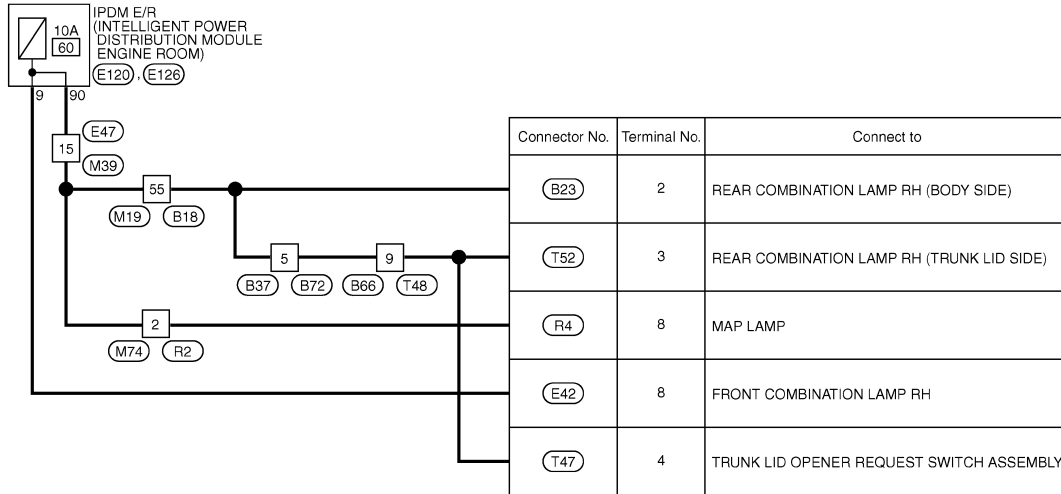
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 60 - BATTERY POWER SUPPLY FUSE No. 60

INFOID:000000009621398



2013/05/17

JRMWE0042GB

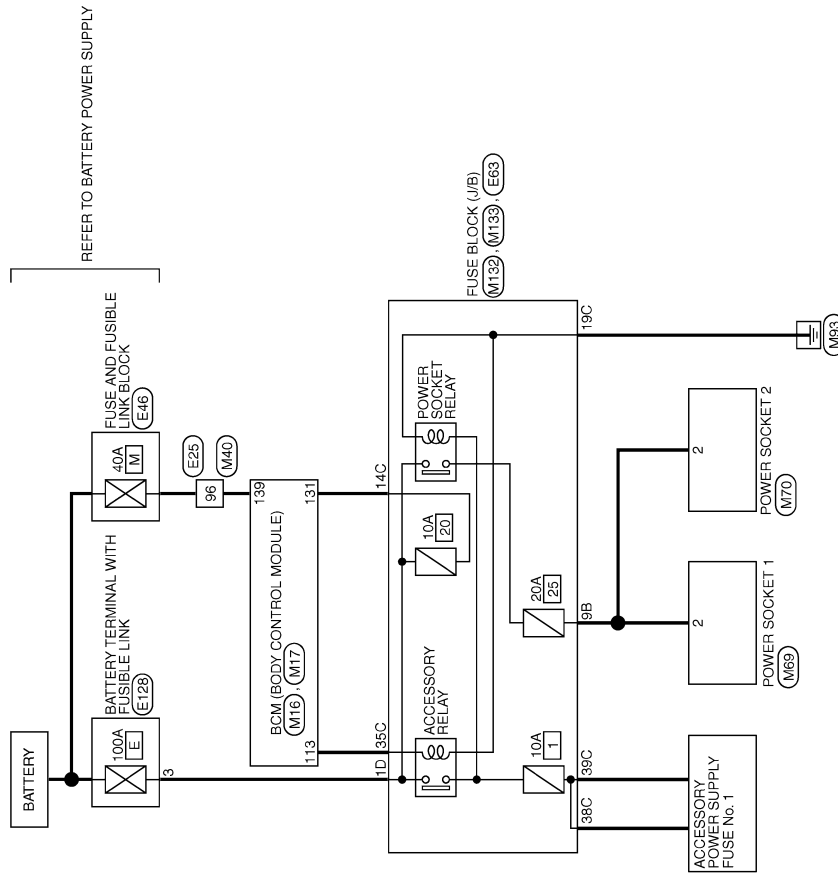
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000009239720

ACCESSORY POWER SUPPLY



2013/05/17

JRMWE0043GB

PG

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	B59
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH44FW-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	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	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	---

ACCESSORY POWER SUPPLY

95	BG	-
96	W	-
97	LG	-
98	L	-
99	P	-
100	SHIELD	-

Connector No.	E46
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24384 4GA0A

[illegible]

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

Connector No.	E63
Connector Name	FUSE BLOCK (J/B)
Connector Type	L02FB-MC

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

Connector No.	E128
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	I.02FGY-MC

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

Connector No.	M1
Connector Name	INTEGRAL SWITCH
Connector Type	TH24FW-NH

Terminal	Color Of Wire	Signal Name (Specification)
1	W	BAT
3	SB	AV COMM (L)
4	LG	AV COMM (H)
5	G	DOOR LOCK STATUS INDICATOR LAMP SIGNAL
7	W/B	DISK ELECT SIGNAL
8	G	HAZARD SIGNAL
13	B	GND
14	V	ACC
15	B	ILLUMINATION CONTROL SIGNAL
16	B/G	DISK ELECT SIGNAL GROUND
19	BR	CAMERA SWITCH SIGNAL
20	L/G	AIR BAG INDICATOR DEF SIGNAL

Connector No.	M8
Connector Name	AV CONTROL UNIT
Connector Type	TH18EW-CS9

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SHIELD	SHIELD
2	L	SOUND SIGNAL FRONT LH (+)
3	R	SOUND SIGNAL FRONT LH (-)
4	LG	SOUND SIGNAL REAR LH (+)
5	SB	SOUND SIGNAL REAR LH (-)
7	SB	ACC
8	BLD	IGNITION FOR MANUAL

9	BG	DISK EJECT SIGNAL GND
10	SHIELD	SHIELD
11	LG	SOUND SIGNAL FRONT RH (+)
12	P	SOUND SIGNAL FRONT RH (-)
13	L	SOUND SIGNAL REAR RH (+)
14	P	SOUND SIGNAL REAR RH (-)
19	Y	BAT
20	B	GND

Connector No.	M16
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH24FB-NH

116	115	114	113	111				107	105
128	127	126		124	123	122	121	119	117

Terminal	Color Of Wire	Signal Name (Specification)
005	V	TURN SIG RH OUTPUT (FRONT)
107	P	PUSH-TO-STOP SWILL GND
111	Y	ACC/ON IND
113	SB	ACC RELAY CONT
114	G	PASSENGER DOOR ANT *
115	V	PASSENGER DOOR ANT *
116	BR	INSIDE KEY ANT (CONSOLE) *
117	W	TURN SIG LT OUTPUT (FRONT)
118	L	KIT'S ENT REEVEY COMM
121	SB	DRIVER DOOR ANT *
122	SG	DRIVER DOOR ANT *
123	R	INSIDE KEY ANT (INSTRUMENT LOWER) *
124	G	INSIDE KEY ANT (INSTRUMENT LOWER) *
126	B	RAIS ANT AMP
127	W	RAIS ANT AMP
128	W	RAIS ANT AMP

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	M17
Connector Name	BOM (BODY CONTROL MODULE)
Connector Type	FEASBW-FH46-SA

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	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	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	146
--------------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Terminal No.	Color Of Wire	Signal Name [Specification]
12	G	MICROPHONE SIGNAL
13	SHIELD	
14	SHIELD	
15	Y	VOICE GUIDANCE SIGNAL OUTPUT (+)
16	Y	VOICE GUIDANCE SIGNAL OUTPUT (-)
17	B	BAT
18	GND	
19	W	IGN
20	BR	REVERSE SIGNAL
21	BR	REVERSE SIGNAL
26	R	MICROPHONE SIGNAL GND
27	SHIELD	
28	B	VOICE GUIDANCE SIGNAL OUTPUT (-)

Connector No.	Connector Name	Signal Name [Specification]
M89	POWER SOCKET 1	
Connector Type	CEA01FB-CH42	



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

Connector No.	Connector Name	Signal Name [Specification]
M70	POWER SOCKET 2	
Connector Type	CEA01FB-CH42	



Terminal No.	Color Of Wire	Signal Name [Specification]
2	Y	
3	B	

Connector No.	Connector Name	Signal Name [Specification]
M81	TOU	
Connector Type	TH44FW-NH	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	BAT
2	W	IGN
3	Y	ACC
4	R	IGN
5	SB	ACC OUTPUT
6	SB	
7	B	GND
8	L	CAN-H
9	L	CAN-H
10	P	CAN-L
14	B	AUDIO TYPE RECOGNITION SIGNAL
18	L	MICROPHONE VCC
19	G	MICROPHONE SIGNAL
20	SHIELD	
21	L	MICROPHONE VCC
22	G	SOUND SIGNAL
24	SHIELD	
26	ACC	SOS CALL SWITCH SIGNAL
35	BR	SOS SWITCH LED SIGNAL

Connector No.	Connector Name	Signal Name [Specification]
M88	A/C AUTO AMP.	
Connector Type	TH44FW-NH	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	CAN-H
2	B	GND
3	W	BAT
7	G	AMBIENT SENS
9	R	SUNLOAD SENS
13	V	IGN SW ACC
16	P	IGN SW LIN
17	R	DOOR MOTOR PWM SHLY
18	P	BLOWER MOTOR CONT
20	L	HEAT STRG WHLY CONT
21	P	CAN-L
22	B	GND
23	W	IGN SW IGN
24	W	IGN SW LIN
27	LG	IN-VEHICLE SENS
28	GR	INTAKE SENS
30	RG	EXH GAS OUT ODO2 DTOT SENS
37	B	GND
38	BG	IONIZER CONT
40	BG	ECV CONT

Connector No.	Connector Name	Signal Name [Specification]
M100	DISPLAY CONTROL UNIT	
Connector Type	TH44FW-NH	



Terminal No.	Color Of Wire	Signal Name [Specification]
16	SB	AV COMM (L)
17	P	CAN-L
19	R	DIMMER SIGNAL
20	GR	REVERSE SIGNAL
22	B	GND
24	BR	CAMERA SWITCH SIGNAL
26	LG	AV COMM (H)
28	L	CAN-H
30	R	IGN
31	R	VEHICLE SPEED SIGNAL (8-PULSE)
33	SB	ACC

Connector No.	Connector Name	Signal Name [Specification]
M132	FUSE BLOCK (J B)	
Connector Type	NS18FW-CS	



Terminal No.	Color Of Wire	Signal Name [Specification]
11B	LG	
13B	P	
15B	Y	
16B	Y	
2B	B	
5B	R	
9B	Y	

Connector No.	Connector Name	Signal Name [Specification]
M133	FUSE BLOCK (J B)	
Connector Type	TH44FW-NH	



Terminal No.	Color Of Wire	Signal Name [Specification]
10C	V	
11C	V	
13C	L	
15C	P	
17C	L	
18C	EG	
19C	P	
19C	B	

JRMWE0047GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY	
38G	W
39G	L
20G	L
21G	L
22G	L
23G	LG
24G	SB
25G	P
26G	W
27G	W
28G	W
29G	W
30G	R
31G	W
32G	R
33G	B
34G	WB
35G	SB
36G	R
37G	W
38G	SB
39G	V
40G	P
41G	G
42G	P
43G	P
44G	P
45G	G
46G	G
47G	G
48G	V

Connector No.	R22
Connector Name	TELEMATICS SWITCH
Connector Type	TH05FW-NH

HS

3

2

1

7

6

5

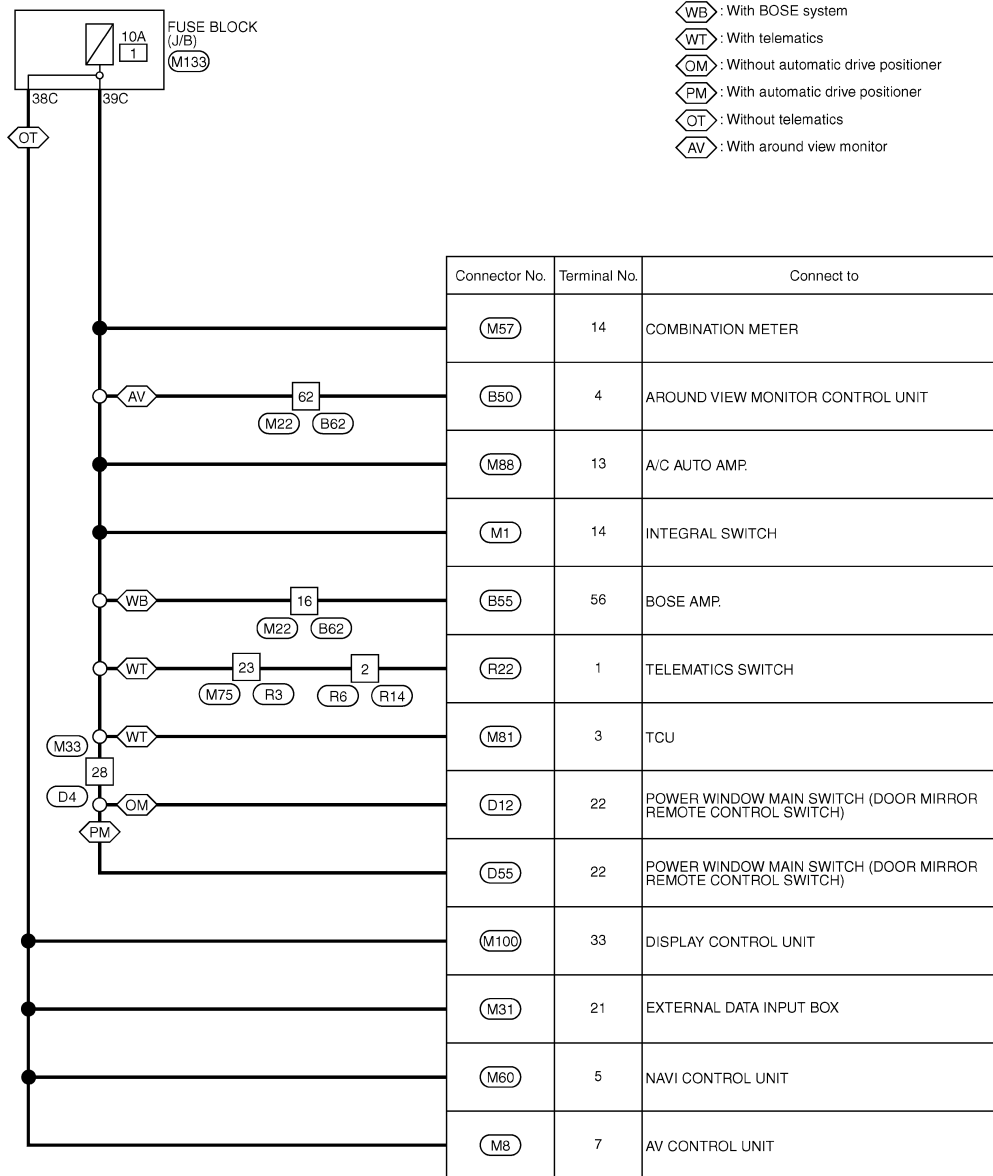
Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	BR	-
3	G	-
5	SB	-
6	B	-
7	B	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 1 - ACCESSORY POWER SUPPLY FUSE No. 1

INFOID:000000009239721



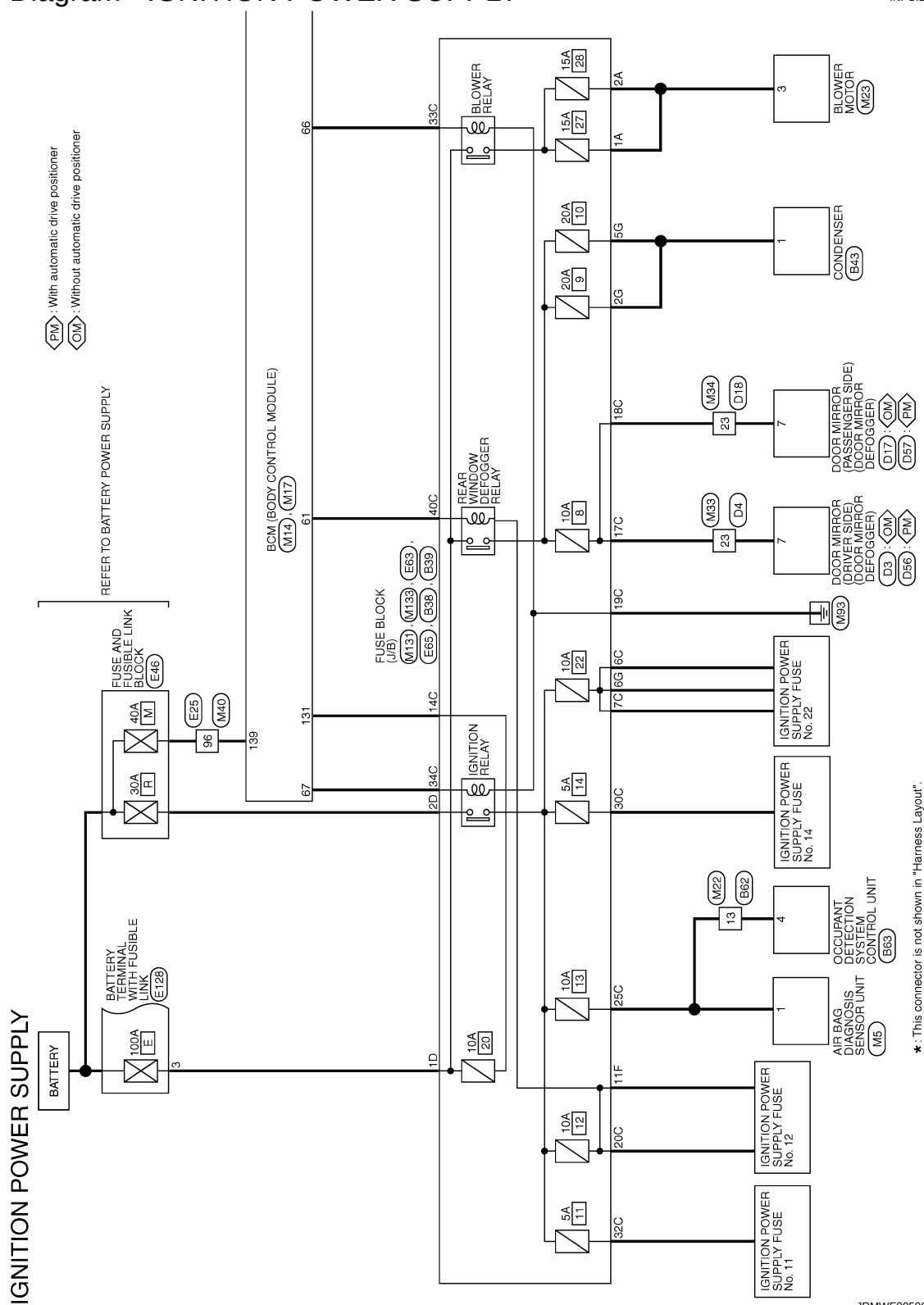
2013/05/17

JRMWE0049GB

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY -

INFOID:0000000009239722



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

2013/05/17

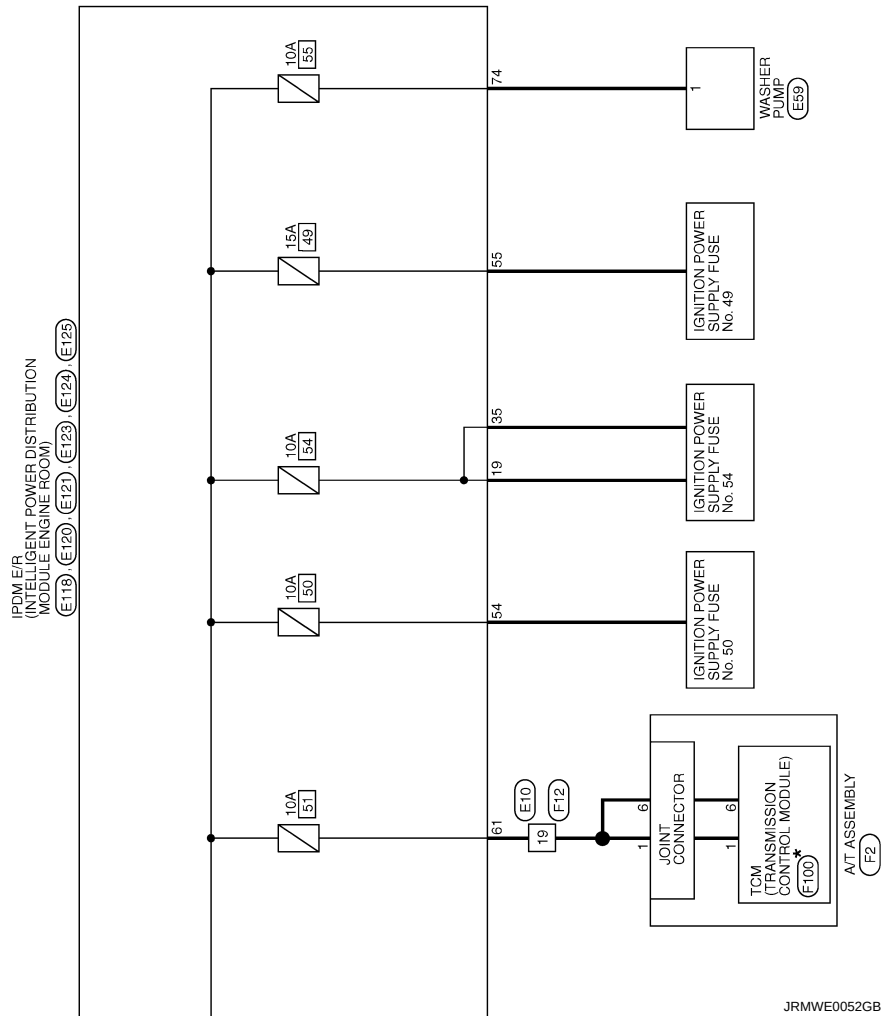
JRMWE0050GB

< WIRING DIAGRAM >



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

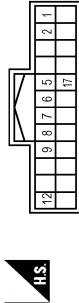


POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	B1
Connector Name	ADAS CONTROL UNIT
Connector Type	TH24FW-4H



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	CAN-H
2	R	CAN-L
5	B	GROUND
6	L	ITS COMM-H
7	P	ITS COMM-L
8	L	CHASSIS COMM-H
9	V	CHASSIS COMM-L
12	GR	IGNITION
17	V	BRAKE HOLD RLY DRIVE SIGNAL

Connector No.	B11
Connector Name	FUEL PUMP CONTROL MODULE
Connector Type	TB46FE



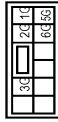
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	Y	-
3	W	-
4	B	-
5	G	-
6	BR	-

Connector No.	B33
Connector Name	WIRE TO WIRE
Connector Type	MB3FW-LC



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

Connector No.	B38
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1G	GR	-
2G	BR	-
5G	W	-
6G	G	-

Connector No.	B59
Connector Name	FUSE BLOCK (J/B)
Connector Type	TH10FB-4H



Terminal No.	Color Of Wire	Signal Name [Specification]
10H	P	-
3H	L	-
4H	R	-
6H	L	-
7H	LG	-
8H	P	-

Connector No.	B43
Connector Name	CONDENSER
Connector Type	MD1FW-LC



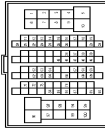
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-

Connector No.	B50
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-4H



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GN
2	Y	BAT
3	LG	IGN
4	P	ACC
19	LG	AV COMM (H)
20	P	AV COMM (L)
23	SHIELD	AV COMM GND
25	BG	REVERSE SIGNAL
27	L	CAN-H
28	P	CAN-L (With ADAS)
28	R	CAN-L (With ASCD)
30	W	RETRACT MOTOR OPERATION SIGNAL (OPEN)
32	G	RETRACT MOTOR OPERATION SIGNAL (CLOSE)

Connector No.	B52
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS1B-TM



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	L	-
3	R	- [With BOSE system]
3	W	- [Without BOSE system]
4	SHIELD	-
5	G	-

JRMWE0053GB

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

6	W	-	-	-	-
7	BR	-	-	-	-
8	W	-	-	-	-
9	B	-	-	-	-
10	SHIELD	-	-	-	-
11	GR	-	-	-	-
12	Y	-	-	-	-
13	R	-	-	-	-
14	BG	-	-	-	-
15	GR	-	-	-	-
16	V	-	-	-	-
17	P	-	-	-	-
18	L	-	-	-	-
19	R	-	-	-	-
20	GR	-	-	-	-
21	R	-	-	-	-
22	P	-	-	-	-
23	W	-	-	-	-
24	V	-	-	-	-
25	SB	-	-	-	-
26	G	-	-	-	-
29	P	-	-	-	-
30	LG	-	-	-	-
36	R	-	-	-	-
37	R	-	-	-	-
38	W	-	-	-	-
39	W	-	-	-	-
40	G	-	-	-	-
45	SHIELD	-	-	-	-
46	SHIELD	-	-	-	-
47	SHIELD	-	-	-	-
48	BG	-	-	-	-
49	G	-	-	-	-
52	Y	-	-	-	-
53	R	-	-	-	-
54	GR	-	-	-	-
57	R	-	-	-	-
58	P	-	-	-	-
59	LG	-	-	-	-
62	P	-	-	-	-
63	L	-	-	-	-
64	W	-	-	-	-
66	LG	-	-	-	-
68	L	-	-	-	-
69	P	-	-	-	-
71	R	-	-	-	-
72	G	-	-	-	-
73	SHIELD	-	-	-	-
76	GR	-	-	-	-

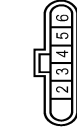
84	BR	-	-	-	-
85	DG	-	-	-	-
86	W	-	-	-	-
87	LG	-	-	-	-
88	LG	-	-	-	-
89	V	-	-	-	-
92	W	-	-	-	-
93	R	-	-	-	-
94	R	-	-	-	-
95	Y	-	-	-	-
96	W	-	-	-	-
97	L	-	-	-	-
99	BR	-	-	-	-
100	BR	-	-	-	-

Connector No.	B63
Connector Name	OCCUPANT DETECTION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH



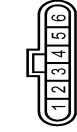
Terminal No.	Color	Wire	Signal Name [Specification]
2	Y	-	COMMUNICATION
4	R	-	IGN
5	B	-	GND
7	Y	-	K-LINE

Connector No.	B62
Connector Name	SIDE RADAR LH
Connector Type	AA00FB-WP-SP



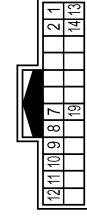
Terminal No.	Color	Wire	Signal Name [Specification]
2	B	-	GROUND
3	R	-	ITS COMM-L
4	L	-	ITS COMM-H
5	GR	-	IGNITION
6	BR	-	BLIND SPOT WARNING BLIND SPOT INTERVENTION INDICATOR

Connector No.	B53
Connector Name	SIDE RADAR RH
Connector Type	AA00FB-WP



Terminal No.	Color	Wire	Signal Name [Specification]
1	B	-	RIGHT/LEFT SWITCHING SIGNAL
2	B	-	GROUND
3	P	-	ITS COMM-L
4	L	-	ITS COMM-H
5	GR	-	IGNITION
6	SB	-	BLIND SPOT WARNING BLIND SPOT INTERVENTION INDICATOR

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH2AMH-NH



Terminal No.	Color	Wire	Signal Name [Specification]
1	GR	-	-
2	R	-	-
7	L	-	-
8	SB	-	-
9	P	-	-
10	Y	-	-
11	GR	-	-
12	L	-	-
13	V	-	-
14	B	-	-
19	B	-	-

Connector No.	D4
Connector Name	WIRE TO WIRE
Connector Type	NH60FA-1S12



Terminal No.	Color	Wire	Signal Name [Specification]
2	R	-	- [With DRPO]
4	SB	-	- [Without DRPO]
4	BG	-	-
5	R	-	- [With DRPO]
5	Y	-	- [Without DRPO]
6	V	-	-
7	LG	-	-
8	G	-	-
9	GR	-	-

JRMWE0054GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

10	Y	-
11	SHIELD	-
12	BG	-
13	B	-
14	B	-
15	Y	-
16	GR	-
17	R	-
18	GR	-
19	R	-
20	W	-
21	LG	-
22	W	-
23	L	-
24	G	-
25	BR	-
26	R	-
27	BR	-
28	V	-
29	B	-
30	W	-
31	P	-
32	Y	-
33	BR	-
34	L	-
35	R	-
36	GR	-
37	G	-
40	P	-
41	L	-
43	BG	-
44	W	-
45	R	-
46	BR	-
49	BR	-
50	B	-
52	V	-
53	GR	-
55	GR	-
56	BR	-
57	R	-
58	L	-
59	V	-
60	G	-
61	BG	-
62	Y	-
63	SB	-
64	B	-
65	Y	-
66	BR	-

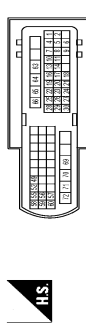
68	Y	-
69	L	-
70	W	-
71	LG	-
72	P	-

Connector No.	D17
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH24MW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	R	-
7	BG	-
8	LG	-
9	SB	-
10	G	-
11	V	-
12	Y	-
13	Y	-
14	B	-
19	B	-

Connector No.	D18
Connector Name	WIRE TO WIRE
Connector Type	NH60FW-TS12



Connector No.	D56
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH24MW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	R	-
3	G	-
5	B	-
6	W	-
7	L	-
8	SB	-
9	P	-
10	Y	-
11	GR	-
12	BG	-
13	V	-
14	B	-
17	SHIELD	-
18	R	-
19	B	-
21	LG	-
22	W	-
24	G	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	R	-
3	G	-
5	B	-
6	W	-
7	L	-
8	SB	-
9	P	-
10	Y	-
11	GR	-
12	BG	-
13	V	-
14	B	-
17	SHIELD	-
18	R	-
19	B	-
21	LG	-
22	W	-
24	G	-
25	BR	-
26	V	-
27	G	-
28	V	-
29	Y	-
30	R	-
49	LG	-
52	P	-
53	Y	-
56	L	-
57	R	-
58	SB	-
59	R	-
60	G	-
63	B	-
64	Y	-
65	BR	-
66	GR	-
69	W	-
70	L	-
71	BG	-
72	Y	-

JRMWE0055GB

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

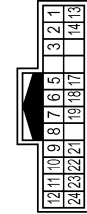
PG

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

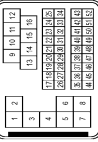
IGNITION POWER SUPPLY

Connector No.	D57
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH24MH-NH



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

Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Type	SAA35MB-FSS-SFZ8



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

37	SHIELD	-
38	L	-
39	R	-
40	R	-
41	W	-
42	LG	-
43	G	-
44	Y	-
45	Y	-
46	SHIELD	-
47	W	-
48	BR	-
49	G	-
50	B	-
51	SB	-
52	R	-

Connector No.	E19
Connector Name	FRONT WIPER MOTOR
Connector Type	HS05FY



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

Connector No.	E21
Connector Name	HEADLAMP AMING MOTOR LH
Connector Type	HS05FY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	AMER SIG
2	B	AMER GND
3	G	AMER VCC

Connector No.	E22
Connector Name	CHASSIS CONTROL MODULE
Connector Type	TH24FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
3	P	CAN-H [Without Gateway]
3	R	CAN-L [With Gateway]
4	L	CAN-H
5	V	DRIVE MODE SELECT SW (UP)
6	G	DRIVE MODE SELECT SW (DOWN)
7	W	CHASSIS COMM-L
8	W	CHASSIS COMM-L
10	G	IGN
11	L	CHASSIS COMM-H
12	B	GROUND
19	L	CHASSIS COMM-H

JRMWE0056GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

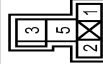
Connector No.	E25
Connector Name	WIRE TO WIRE
Connector Type	TH60FH-GS16-TM



Terminal No.	Color Of Wire	Signal Name [Specification]
2	W	-
3	LG	-
4	BR	-
6	V	-
7	L	-
10	BR	-
11	L	-
12	GR	-
13	W	-
14	B	-
15	SB	-
16	Y	-
17	BR	-
18	P	-
31	Y	-
32	GR	-
35	GR	-
36	R	-
38	V	-
39	L	-
40	SB	-
41	LG	-
44	Y	-
45	W	-
46	B	-
47	G	-
48	SHIELD	-
49	R	-
50	BR	-
51	L	-
52	W	-
53	V	-
54	P	-
55	W	-
56	SB	-

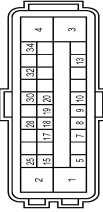
57	BG	-
58	B	-
59	W	-
61	Y	-
64	SB	-
66	GR	-
67	LG	-
68	BG	-
71	LG	-
72	V	-
73	G	-
74	BR	-
75	V	-
78	P	-
79	SB	-
83	R	-
86	BG	-
91	G	-
92	Y	-
94	GR	-
95	BG	-
96	W	-
97	LG	-
98	L	-
99	P	-
100	SHIELD	-

Connector No.	E34
Connector Name	SHIFT LOCK RELAY
Connector Type	MS02FL-M2-LG



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

Connector No.	E35
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	SA230FB-S24-U



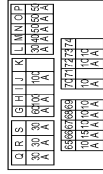
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	B	GROUND
3	G	VALVE BATTERY
4	Y	MOTOR BATTERY
5	V	STOP LAMP SW SIGNAL [With ICC]
7	GR	RR LH WHEEL SENSOR SIGNAL
8	G	RR LH WHEEL SENSOR POWER SUPPLY
9	BR	FR RH WHEEL SENSOR SIGNAL
10	GR	FR RH WHEEL SENSOR POWER SUPPLY
13	R	VACUUM SENSOR SIGNAL
15	P	CAN-L [With Gateway]
15	R	CAN-L [With Gateway]
17	Y	RR RH WHEEL SENSOR SIGNAL
18	V	RR RH WHEEL SENSOR POWER SUPPLY
19	SB	FR LH WHEEL SENSOR SIGNAL
20	BG	FR LH WHEEL SENSOR POWER SUPPLY
23	L	CAN-H
25	R	VACUUM SENSE SW SIGNAL
30	R	VACUUM SENSE SW SIGNAL
32	SHIELD	VACUUM SENSOR GROUND
34	G	IGN

Connector No.	E44
Connector Name	BRAKE PEDAL POSITION SWITCH
Connector Type	S02FL



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

Connector No.	E46
Connector Name	FUSE AND FUSEBLE LINK BLOCK
Connector Type	24384-4G0A0



Terminal No.	Color Of Wire	Signal Name [Specification]
65	GR	-
66	SB	-
67	BG	-
68	LG	-
69	V	-
70	GR	-
72	G	-
73	P	-
-	G	-
H	R	-
J	R	-
L	G	-
M	W	-
N	Y	-
O	BR	-
P	SB	-
Q	G	-
R	GR	-

JRMWE0057GB

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	Connector Name	Connector Type
E49	HEADLAMP SWIVEL ACTUATOR LH	HS03ECY



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

Connector No.	Connector Name	Connector Type
E50	WIRE TO WIRE	MS0MW-LC



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

Connector No.	Connector Name	Connector Type
E52	ICC BRAKE HOLD RELAY	MS0FL-M2-LC



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

Connector No.	Connector Name	Connector Type
E57	STOP LAMP SWITCH	MM0FW-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	- [With AGSD]
1	L	- [With AGSD]
2	GR	- [With AGSD]
2	LG	- [With AGSD]
3	BR	-
4	V	-

Connector No.	Connector Name	Connector Type
E59	WASHER PUMP	FEA02FB-LC



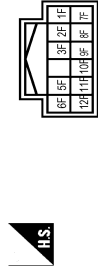
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	SB	-

Connector No.	Connector Name	Connector Type
E63	FUSE BLOCK (J/B)	L02FB-MC



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

Connector No.	Connector Name	Connector Type
E65	FUSE BLOCK (J/B)	TH02FW-WH



Terminal No.	Color Of Wire	Signal Name [Specification]
10F	W	-
11F	G	-
12F	W	-
1F	V	-
2F	BR	-
3F	P	-
5F	P	-
6F	L	-
7F	R	-
8F	L	-
9F	L	-

Connector No.	Connector Name	Connector Type
E71	HEADLAMP AMMING MOTOR RH	HS03ECY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	AMER SIG
2	B	AMER GND
3	G	AMER VCC

JRMWE0058GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E17
Connector Name	HEADLAMP SWIVEL ACTUATOR RH
Connector Type	RS09FGY



Connector No.	E83
Connector Name	EXHAUST GAS / OUTSIDE DOOR DETECTING SENSOR
Connector Type	RM03FB



Connector No.	E118
Connector Name	POWER R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	LG0FB-MC



Connector No.	E121
Connector Name	POWER R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH02FW-4H



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

Connector No.	E80
Connector Name	ICC SENSOR
Connector Type	AAZ08FB



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	AGS POWER
2	P	AGS S.GND
3	G	AGS S.OUTPUT

Connector No.	E103
Connector Name	COOLING FAN RELAY 1
Connector Type	C243B4 4C0A0A



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

Connector No.	E120
Connector Name	POWER R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	NS12FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
19	G	-
22	BG	-
23	LG	-
27	GR	-
28	P	-
29	L	-
31	G	-
33	SB	-
34	Y	-
35	G	-
36	SB	-
37	GR	-
38	BR	-
41	GR	-
43	V	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	IGNITION
3	L	ITS COMM-H
4	Y	ITS COMM-L
8	B	GROUND

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

Terminal No.	Color Of Wire	Signal Name [Specification]
9	BN	-
10	LG	-
11	V	-
13	Y	-
14	SB	-
15	Y	-
17	GR	-
18	L	-

Connector No.	E123
Connector Name	POWER R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	NS10FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
52	G	-
53	BR	-
54	Y	-
55	W	-
56	L	-

JRMWE0059GB

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

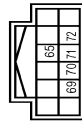
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	Signal Name [Specification]
87 P	–
88 SB	–
89 BR	–
81 GR	–

Connector No.	Signal Name [Specification]
E124	IGNITION POWER SUPPLY
Connector Name	IGNITION POWER SUPPLY
Connector Type	IGNITION POWER SUPPLY



Terminal No.	Color Of Wire	Signal Name [Specification]
65	BG	–
69	R	–
70	BR	–
71	Y	–
72	P	–

Connector No.	Signal Name [Specification]
E125	IGNITION POWER SUPPLY
Connector Name	IGNITION POWER SUPPLY
Connector Type	IGNITION POWER SUPPLY



Terminal No.	Color Of Wire	Signal Name [Specification]
74	G	–
75	R	–
76	V	–
78	W	–
79	L	–
80	BR	–
81	P	–

Connector No.	Signal Name [Specification]
E127	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	BATTERY TERMINAL WITH FUSIBLE LINK



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

Connector No.	Signal Name [Specification]
E128	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	BATTERY TERMINAL WITH FUSIBLE LINK



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	–
2	P	–
3	W	–
4	L	–

Connector No.	Signal Name [Specification]
F1	COMPRESSOR
Connector Name	COMPRESSOR
Connector Type	COMPRESSOR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	–
2	B	–

Connector No.	Signal Name [Specification]
F2	A/T ASSEMBLY
Connector Name	A/T ASSEMBLY
Connector Type	A/T ASSEMBLY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	IGNITION POWER SUPPLY
2	P	BATTERY POWER SUPPLY (MEMORY BACK-UP)
3	L	CAN-L
4	W	K-LINE
5	B	GROUND
6	GR	IGNITION POWER SUPPLY
7	BG	BACK-UP LAMP RELAY
8	P	CAN-L
9	GR	STARTER RELAY
10	B	GROUND

Connector No.	Signal Name [Specification]
F7	EOM
Connector Name	EOM
Connector Type	EOM



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	A/F SENSOR 1 (HEATER (BANK 1))
2	G	THROTTLE CONTROL MOTOR (POWER SUPPLY (BANK 1))
3	R	THROTTLE CONTROL MOTOR (POWER SUPPLY (BANK 1))
4	BR	THROTTLE CONTROL MOTOR (BANK 1) (CLOSE)
5	GR	A/F SENSOR 1 (HEATER (BANK 2))
8	B	EOM GROUND
11	GR	IGNITION SIGNAL No. 4
12	L	IGNITION SIGNAL No. 3
14	Y	FUEL PUMP CONTROL MODULE (FPOM)
15	V	IGNITION SIGNAL No. 5
16	G	IGNITION SIGNAL No. 2
17	P	HEATED OXYGEN SENSOR 2 (HEATER (BANK 1))
18	W	INTAKE VALVE TIMING CONTROL (SOLENOID VALVE (BANK 1))
19	SB	IGNITION SIGNAL No. 6
20	Y	IGNITION SIGNAL No. 1
21	GR	FUEL PUMP RELAY
22	R	EOM RELAY (SELF-TEST-OFF)
23	B	THROTTLE CONTROL MOTOR RELAY
25	BG	THROTTLE CONTROL MOTOR RELAY
26	BR	THROTTLE POSITION SENSOR 1 (BANK 1)
28	BR	THROTTLE POSITION SENSOR 2 (BANK 1)
29	G	INTAKE VALVE TIMING CONTROL (SOLENOID VALVE (BANK 2))
30	W	THROTTLE POSITION SENSOR 1 (BANK 2)
31	P	FUEL PUMP CONTROL MODULE (FPOM) CHECK
32	W	THROTTLE POSITION SENSOR 2 (BANK 2)
33	SB	HEATED OXYGEN SENSOR 2 (HEATER (BANK 2))
34	B	THROTTLE POSITION SENSOR 2 (BANK 1)
35	LG	CRANKSHAFT POSITION SENSOR
37	W	CRANKSHAFT POSITION SENSOR
38	P	MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
40	R	SENSOR GROUND (THROTTLE POSITION SENSOR (BANK 1))
43	BR	SENSOR POWER SUPPLY (THROTTLE POSITION SENSOR (BANK 1))
44	G	SENSOR GROUND (THROTTLE POSITION SENSOR (BANK 2))
45	R	SENSOR POWER SUPPLY (CRANKSHAFT POSITION SENSOR)
46	Y	SENSOR GROUND (CRANKSHAFT POSITION SENSOR)
47	Y	SENSOR POWER SUPPLY (THROTTLE POSITION SENSOR (BANK 2))
48	SB	SENSOR GROUND (THROTTLE POSITION SENSOR (BANK 2))

JRMWE0060GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

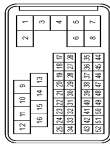
Connector No.	F8
Connector Name	ECM
Connector Type	IP440FER-R2B-L-LH-Z



Terminal No.	Color	Wire	Signal Name [Specification]
49	GR		THROTTLE CONTROL MOTOR (BANK 2) (CLOSE)
50	W		THROTTLE CONTROL MOTOR (BANK 2) (OPEN)
52	R		THROTTLE CONTROL MOTOR POWER SUPPLY (BANK 2)
53	G		IGNITION SWITCH
54	Y		ENGINE COMMUNICATION LINE
55	LG		ENGINE COMMUNICATION LINE
57	L		A/F SENSOR 1 (BANK 1)
59	SB		CAMSHAFT POSITION SENSOR (BANK 1)
60	GR		CAMSHAFT POSITION SENSOR (BANK 1)
61	R		A/F SENSOR 1 (BANK 1)
63	L		CAMSHAFT POSITION SENSOR (BANK 2)
84	W		CAMSHAFT POSITION SENSOR (BANK 2)
85	LG		A/F SENSOR 1 (BANK 2)
86	V		A/F SENSOR 1 (BANK 2)
67	P		INTAKE AIR TEMPERATURE SENSOR
88	LG		INTAKE AIR TEMPERATURE SENSOR
89	W		INTAKE AIR TEMPERATURE SENSOR
90	Y		INTAKE AIR TEMPERATURE SENSOR
72	SHIELD		ENGINE COOLANT TEMPERATURE SENSOR
73	SHIELD		ENGINE COOLANT TEMPERATURE SENSOR
74	W		ENGINE COOLANT TEMPERATURE SENSOR
76	W		MASS AIR FLOW SENSOR (BANK 1)
77	SB		MASS AIR FLOW SENSOR (BANK 1)
78	BR		ENGINE OIL TEMPERATURE SENSOR
79	G		MASS AIR FLOW SENSOR (BANK 2)
80	BG		MASS AIR FLOW SENSOR (BANK 2)
81	R		HEATED OXYGEN SENSOR 2 (BANK 2)
82	V		FUEL INJECTOR No. 6
83	BG		BATTERY TEMPERATURE SENSOR
84	B		BATTERY TEMPERATURE SENSOR
85	BR		FUEL INJECTOR No. 2
86	W		FUEL INJECTOR No. 5
87	Y		POWER STEERING PRESSURE SENSOR
89	GR		FUEL INJECTOR No. 1
90	BG		FUEL INJECTOR No. 4
91	R		BATTERY CURRENT SENSOR
92	G		SENSOR (REAR) (CAMSHAFT POSITION SENSOR (BANK 2))

93	P		POWER SUPPLY FOR ECM (BACK-UP)
94	Y		SENSOR (REAR) (CAMSHAFT POSITION SENSOR (BANK 2))
95	B		CRUISE CONTROL
96	BR		CRUISE CONTROL

Connector No.	F12
Connector Name	WIRE TO WIRE
Connector Type	SAA34FF-RSS-SH2B



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

Connector No.	F15
Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F16
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

31	P		
32	GR		
33	B		
34	BG		
35	SB		
36	Y		
37	SHIELD		
38	W		
39	Y		
40	G		
41	B		
42	GR		
43	R		
44	BG		
45	Y		
46	SHIELD		
47	W		
48	LG		
49	L		
50	R		
51	SB		
52	G		

Connector No.	F14
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

JRMWE0061GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	F17
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F18
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F19
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F29
Connector Name	CONDENSER
Connector Type	M02FW-LC



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

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	RK02FGY



Terminal No.	Color Of Wire	Signal Name [Specification]
3	Y	-
4	BG	-

Connector No.	F71
Connector Name	FUEL INJECTOR No. 1
Connector Type	H502FGY



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

Connector No.	F72
Connector Name	FUEL INJECTOR No. 2
Connector Type	H502FGY



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

Connector No.	F73
Connector Name	FUEL INJECTOR No. 3
Connector Type	H502FGY



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

JRMWE0062GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	F/4
Connector Name	FUEL INJECTOR No. 4
Connector Type	HS02FGY



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

Connector No.	F/5
Connector Name	FUEL INJECTOR No. 5
Connector Type	HS02FGY



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

Connector No.	F/6
Connector Name	FUEL INJECTOR No. 6
Connector Type	HS02FGY



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

Connector No.	F/100
Connector Name	TOYOTA TRANSMISSION CONTROL MODULE
Connector Type	SP10FG



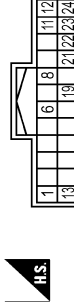
Terminal No.	Color	Wire	Signal Name [Specification]
1	-	-	IGNITION POWER SUPPLY
2	-	-	BATTERY POWER SUPPLY (MEMORY BACK-UP)
3	-	-	CAN-H
4	-	-	K-LINE
5	-	-	GROUND
6	-	-	IGNITION POWER SUPPLY
7	-	-	BACK-UP LAMP RELAY
8	-	-	CAN-L
9	-	-	STARTER RELAY
10	-	-	GROUND

Connector No.	M1
Connector Name	INTEGRAL SWITCH
Connector Type	TH24FN-NH



Terminal No.	Color	Wire	Signal Name [Specification]
1	W	-	BAT
3	SB	-	AV COMM (L)
4	LG	-	AV COMM (H)
5	G	-	DOOR LOCK STATUS INDICATOR LAMP SIGNAL
7	W/B	-	DISK EJECT SIGNAL
8	G	-	HAZARD SIGNAL
13	B	-	ACC
14	V	-	ILLUMINATION CONTROL SIGNAL
15	B	-	DISK EJECT SIGNAL GROUND
16	B/G	-	IGN
18	R	-	CAMERA SWITCH SIGNAL
19	BR	-	AIR BAG INDICATOR OFF SIGNAL
20	LG	-	-

Connector No.	M4
Connector Name	AFS CONTROL UNIT
Connector Type	TH24FN-NH



Terminal No.	Color	Wire	Signal Name [Specification]
1	L	-	CAN-H
6	BR	-	HEIGHT SENSOR SIGNAL
8	GR	-	SWIVEL ACTUATOR LIN SIGNAL
11	B	-	GROUND
12	R	-	IGNITION POWER SUPPLY
13	P	-	CAN-L
19	P	-	SWIVEL ACTUATOR GROUND

Terminal No.	Color	Wire	Signal Name [Specification]
21	LG	-	HEIGHT SENSOR POWER SUPPLY
22	SB	-	ARMING MOTOR DRIVE SIGNAL
23	GR	-	HEIGHT SENSOR GROUND
24	B	-	ARMING MOTOR GROUND

Connector No.	M5
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX



Terminal No.	Color	Wire	Signal Name [Specification]
1	LG	-	IGN
2	B	-	GNL
3	Y/R	-	DR1 (+)
4	Y/B	-	DR1 (-)
5	Y	-	DR2 (+)
6	Y/R	-	AST (+)
7	Y/B	-	AST (-)
8	Y/G	-	ASZ (+)
9	Y	-	ASZ (-)
18	Y	-	EZS+
19	BR	-	EZS-
20	Y/R	-	ACT VENT+
21	Y/B	-	ACT VENT-
22	SHRD	-	ACT VENT
23	Y	-	AIRBAG W/L
24	G	-	-
25	GR	-	A/B OFF IND
51	G	-	SATELLITE RH2 (+)
52	R	-	SIDE SENS LH2-
53	V	-	SIDE SENS LH2+
54	L	-	SIDE SENS LH2-
57	LG	-	IVCS
59	L	-	CAN-H
60	P	-	CAN-L

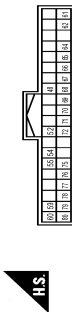
JRMWE0063GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M14
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH45PB-NH



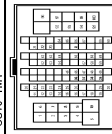
Connector No.	M17
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FE408FH-FA4S-SA



Terminal No.	Color Of Wire	Signal Name [Specification]
48	R	PUSH-BTN IGN SW ILL PWR
52	G	DONGLE LINK
54	V	COMM LINE
55	R	RAIN SENSOR
59	P	CAN-L
60	L	CAN-H
61	G	REAR WINDOW DEF RLY CONT
62	R	STARTER RLY CONT
64	V	H-KEY WARN BUZZER
65	B	OUTS HD LAMP CONT
66	B	BLOWER FAN RLY CONT
67	W/B	IGN RELAY (F/B) CONT
68	R	DIMMER
69	GR	A/T SHIFT SELECT PWR SPLY
70	B	IGN RELAY (F/DL) CONT
71	G	DR DOOR LOCK SW
72	SB	PASS LOCK SW
76	EG	COMBI SW IN/OUT 4
77	V	COMBI SW IN/OUT 3
78	Y	COMBI SW IN/OUT 2
79	LG	COMBI SW IN/OUT 1
80	L	TR LID OPEN SW

Terminal No.	Color Of Wire	Signal Name [Specification]
129	LG	INT ROOM LAMP PWR SPLY
130	P	PASS DOOR UNLK OUTPUT
131	Y	BAT (FUSE)
132	V	RR RL DOOR LK OUTPUT
133	BR	RR RL DOOR UNLK OUTPUT
134	B	GND
135	V	FRONT DOOR FL LID LK OUTPUT
136	V	INT ROOM LAMP CONT
137	LG	FRONT DOOR FL LID UNLK OUTPUT
138	P	REAR DOORS ACT PWR SPLY
139	W	BAT (F/L)
140	BR	IGN ON
141	R	PWR SPLY (BAT)
142	R	FRONT DOORS FL LID ACT PWR SPLY
143	B	GND

Connector No.	M22
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	
2	L	
3	R	
4	SHIELD	
5	G	

5	EG	-
7	LG	-
8	SHIELD	-
9	V	-
10	GR	-
11	GR	-
12	V	-
13	LG	-
14	LG	-
15	P	-
16	SB	- [With DCM]
16	V	- [Without DCM]
17	Y	-
18	L	-
19	G	-
20	GR	-
21	R	-
22	W	-
23	L	-
24	V	-
25	LG	-
26	GR	-
29	SB	-
30	LG	-
36	R	-
37	R	-
38	W	-
39	V	-
45	G	-
45	SHIELD	-
46	BR	-
49	SB	-
52	Y	-
53	R	-
54	GR	-
57	R	-
58	SB	-
59	LG	-
62	V	-
63	L	-
64	W	-
65	R	-
66	L	-
69	P	-
71	R	-
72	G	-
73	SHIELD	-
76	V	-
84	BR	-

85	BR	-
86	V	-
87	LG	-
88	BR	-
89	V	-
92	W	-
93	R	-
94	R	-
95	Y	-
96	W	-
97	L	-
99	BR	-
100	BR	-

Connector No.	M23
Connector Name	BLOWER MOTOR
Connector Type	NS03FW-M3



Terminal No.	Color Of Wire	Signal Name [Specification]
3	Y	
4	P	
6	B	

Connector No.	M24
Connector Name	CAN GATEWAY
Connector Type	TH12FW-NH



JRMWE0064GB

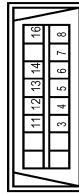
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

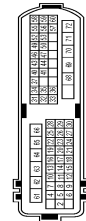
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	CAN-H
3	W	BATTERY
4	E	CAN-H
5	B	CAN-H
6	L	CAN-H
7	P	CAN-H
9	R	IGN
10	R	CAN-L
11	B	CAN-L
12	R	CAN-L

Connector No.	Signal Name [Specification]
M25	DATA LINK CONNECTOR
Connector Name	ED18FW
Connector Type	



Terminal No.	Color Of Wire	Signal Name [Specification]
3	SB	AV COMM (L)
4	B	EARTH
5	B	EARTH
6	L	CAN-L
7	V	IGN SW
8	W	IGN SW
11	LG	AV COMM (H)
12	R	CAN-H
13	L	CAN-H
14	P	CAN-L
16	W	POWER

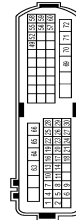
Connector No.	Signal Name [Specification]
M33	WIRE TO WIRE
Connector Name	NH60MW-TS12
Connector Type	



Terminal No.	Color Of Wire	Signal Name [Specification]
2	W	-
4	G	- [With DRPO]
4	SB	- [Without DRPO]
5	G	-
6	R	-
7	R	-
8	GR	-
9	GR	-
10	W	-
11	SHIELD	-
12	P	-
13	SB	-
14	LG	-
15	Y	-
16	Y	-
17	P	-
18	WB	-
18	LG	- [With DRPO]
18	V	- [Without DRPO]
20	V	-
21	B	-
22	BG	- [Without DRPO]
22	G	- [With DRPO]
23	L	-
24	Y	-
25	BG	- [Without DRPO]
25	L	- [With DRPO]
26	Y	-
27	GR	-
28	V	-
29	B	-
30	W	-
31	B	-
32	SB	-
33	L	-
34	BR	-

35	LG	-
36	W	-
37	B	-
40	SB	-
43	SB	-
44	BG	-
46	BR	-
47	G	-
48	V	-
50	B	-
52	BR	-
53	B	-
55	BG	-
56	LG	-
57	V	-
58	R	-
59	G	-
60	L	-
61	G	-
62	R	-
63	V	-
64	B	-
65	R	-
66	BR	-
68	P	-
69	V	-
70	W	-
71	LG	-
72	V	-

Connector No.	Signal Name [Specification]
M24	WIRE TO WIRE
Connector Name	NH60MW-TS12
Connector Type	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	-
2	R	-
4	G	- [With DRPO]
4	SB	- [Without DRPO]

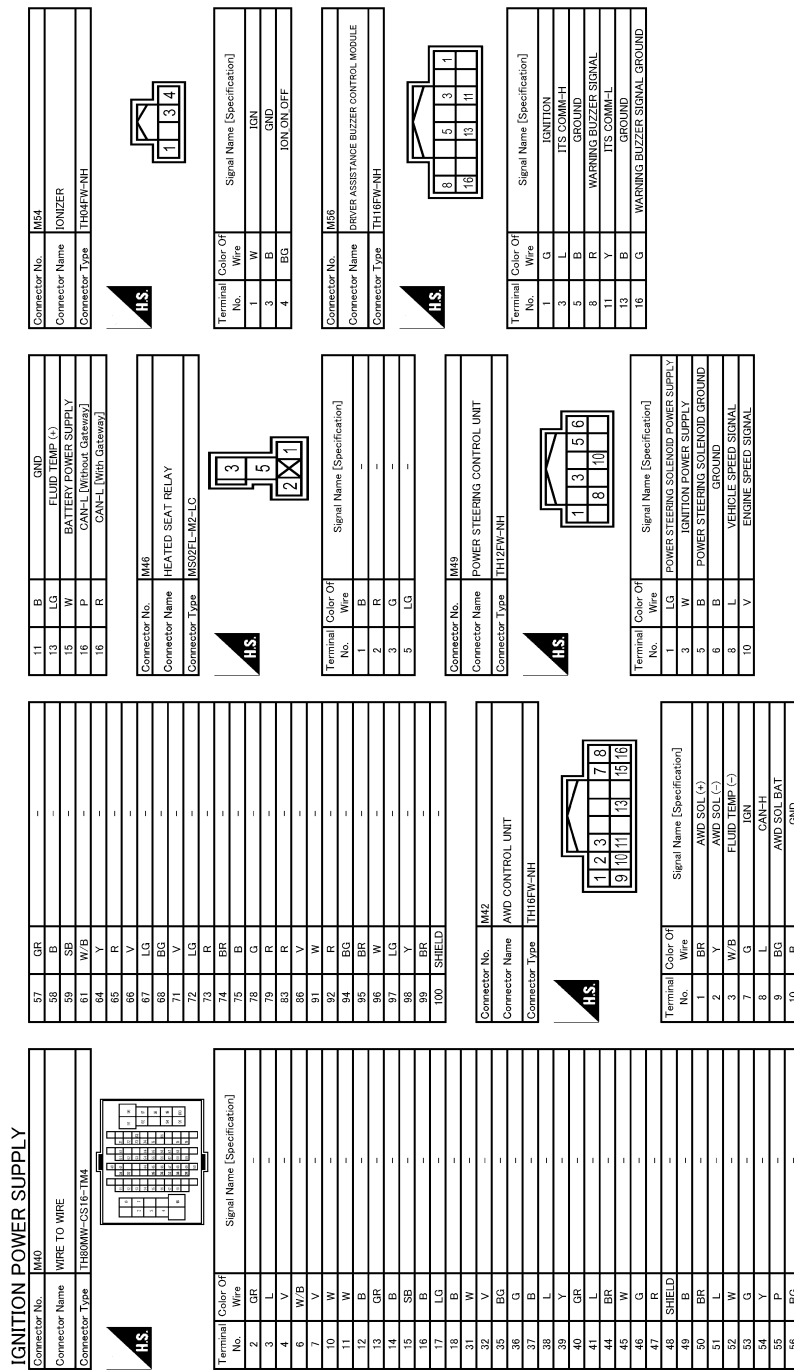
5	L	-
6	R	-
7	R	-
8	W	-
9	GR	-
10	Y	-
13	LG	-
14	W	-
16	G	-
17	B	-
18	W	-
19	B	-
20	SB	- [With DRPO]
20	Y	- [Without DRPO]
21	SHIELD	-
22	B	-
23	BG	- [Without DRPO]
23	P	- [With DRPO]
24	G	-
25	LG	-
26	BG	- [Without DRPO]
26	BR	- [With DRPO]
27	R	-
28	SB	-
29	BG	- [Without DRPO]
29	WB	- [With DRPO]
30	L	-
49	P	-
52	V	-
55	B	-
56	SB	-
58	G	-
59	LG	-
60	R	-
63	B	-
64	R	-
65	BR	-
66	Y	-
69	BR	-
70	Y	-
71	SB	-
72	W	-

JRMWE0065GB

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



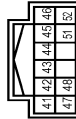
JRMWE00066GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

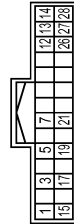
IGNITION POWER SUPPLY

Connector No.	IM68
Connector Name	COMBINATION METER
Connector Type	TH12FW-4H



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

Connector No.	IM60
Connector Name	NAVI CONTROL UNIT
Connector Type	TH28FW

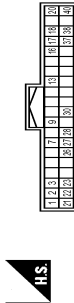


POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M68
Connector Name	A/C AUTO AMP.
Connector Type	TH40FH-NH



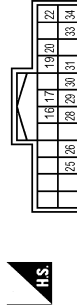
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	CAN-H
2	B	GND
3	W	BAT
7	G	AMBIENT SENS
9	R	SUNLOAD SENS
13	V	IGN SW ACC
16	P	LIN
17	R	DOOR MOTOR PWR SPRL Y
18	P	BLOWER MOTOR CONT
20	L	HEAT STRG WHL RLY CONT
21	P	CAN-L
22	B	GND
23	W	IGN SW ON
26	B	SENS GND
27	EG	IN-VEHICLE SENS
28	BR	INTAKE SENS
30	EG	EXH GAS OUT IGN ON DTCT SENS
31	B	GND
38	EG	IGNIZER CONT
40	EG	ECU CONT

Connector No.	M97
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS02FL-M2-LC



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

Connector No.	M100
Connector Name	DISPLAY CONTROL UNIT
Connector Type	TH24FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
16	SB	AV COMM (L)
17	P	CAN-L
19	R	DIMMER SIGNAL
20	BR	REVERSE SIGNAL
22	B	GND
25	SB	-
26	BR	CAMERA SWITCH SIGNAL
28	LG	AV COMM (H)
29	L	CAN-H
30	R	IGN
31	R	VEHICLE SPEED SIGNAL (6-PULSE)
33	SB	ACC
34	Y	BAT

Connector No.	M124
Connector Name	PERMANENTLY LATCHED ACTUATOR/ACCELERATOR PEDAL POSITION SENSOR
Connector Type	RH12FB



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	BATTERY
2	G	IGNITION
3	L	ITS COMM-H
4	W	-
5	G	-
6	Y	-
7	B	GROUND
9	Y	ITS COMM-L
10	L	-
11	R	-
12	BR	-

Connector No.	M131
Connector Name	FUSE BLOCK (J/B)
Connector Type	MO2FH-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1A	Y	-
2A	Y	-

Connector No.	M133
Connector Name	FUSE BLOCK (J/B)
Connector Type	TH40FH-NH

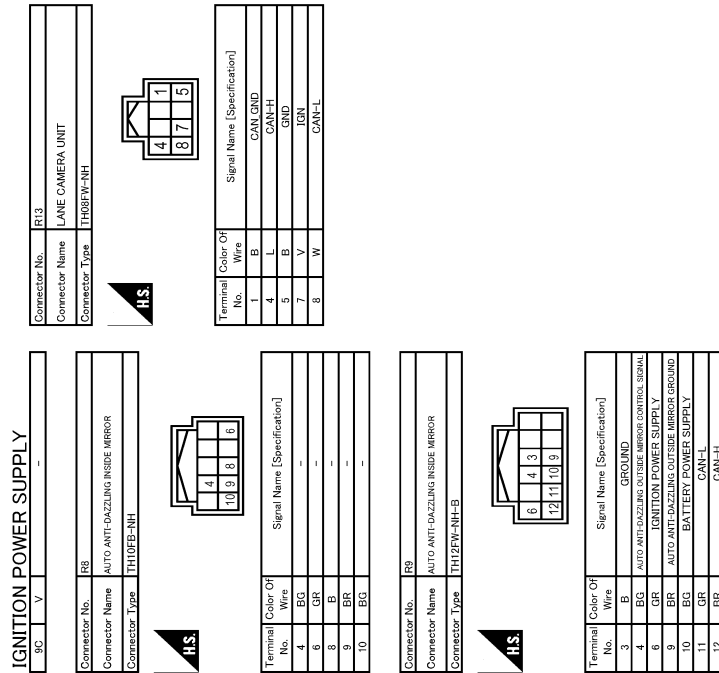


Terminal No.	Color Of Wire	Signal Name [Specification]
10C	V	-
11C	V	-
13C	L	-
14C	Y	-
15C	R	-
16C	R	-
17C	L	-
18C	EG	- [Without DRPO]
18C	P	- [With DRPO]
19C	B	-
20C	W	-
21C	L	-
22C	L	-
23C	L	-
25C	LG	-
26C	SB	-
27C	P	-
28C	W	-
29C	W	-
30C	R	-
31C	W	-
32C	R	-
33C	B	-
34C	W/B	-
35C	SB	-
36C	R	-
37C	W	-
38C	SB	-
39C	V	-
3C	P	-
40C	G	-
4C	P	-
5C	P	-
6C	G	-
7C	G	-

JRMWE0068GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



JRMWE0069GB

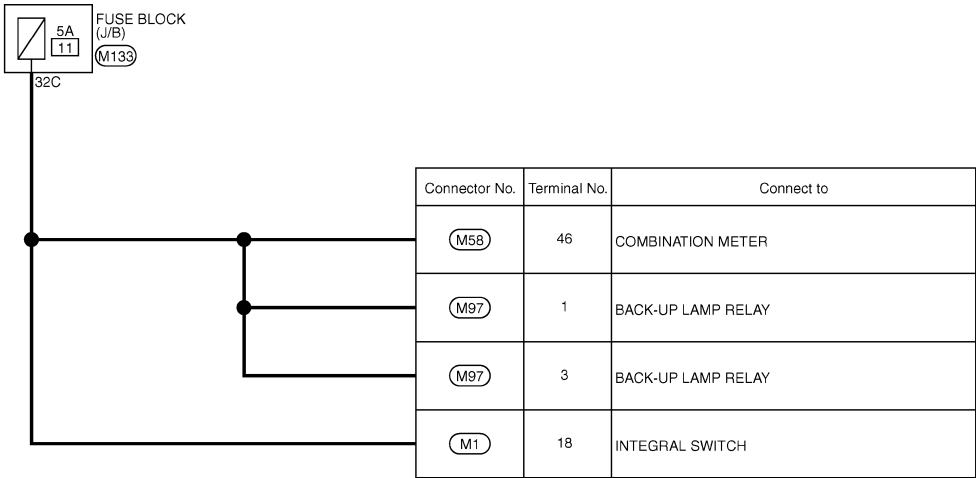
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 11 -
IGNITION POWER SUPPLY FUSE No. 11

INFOID:000000009239723



2013/05/17

JRMWE0070GB

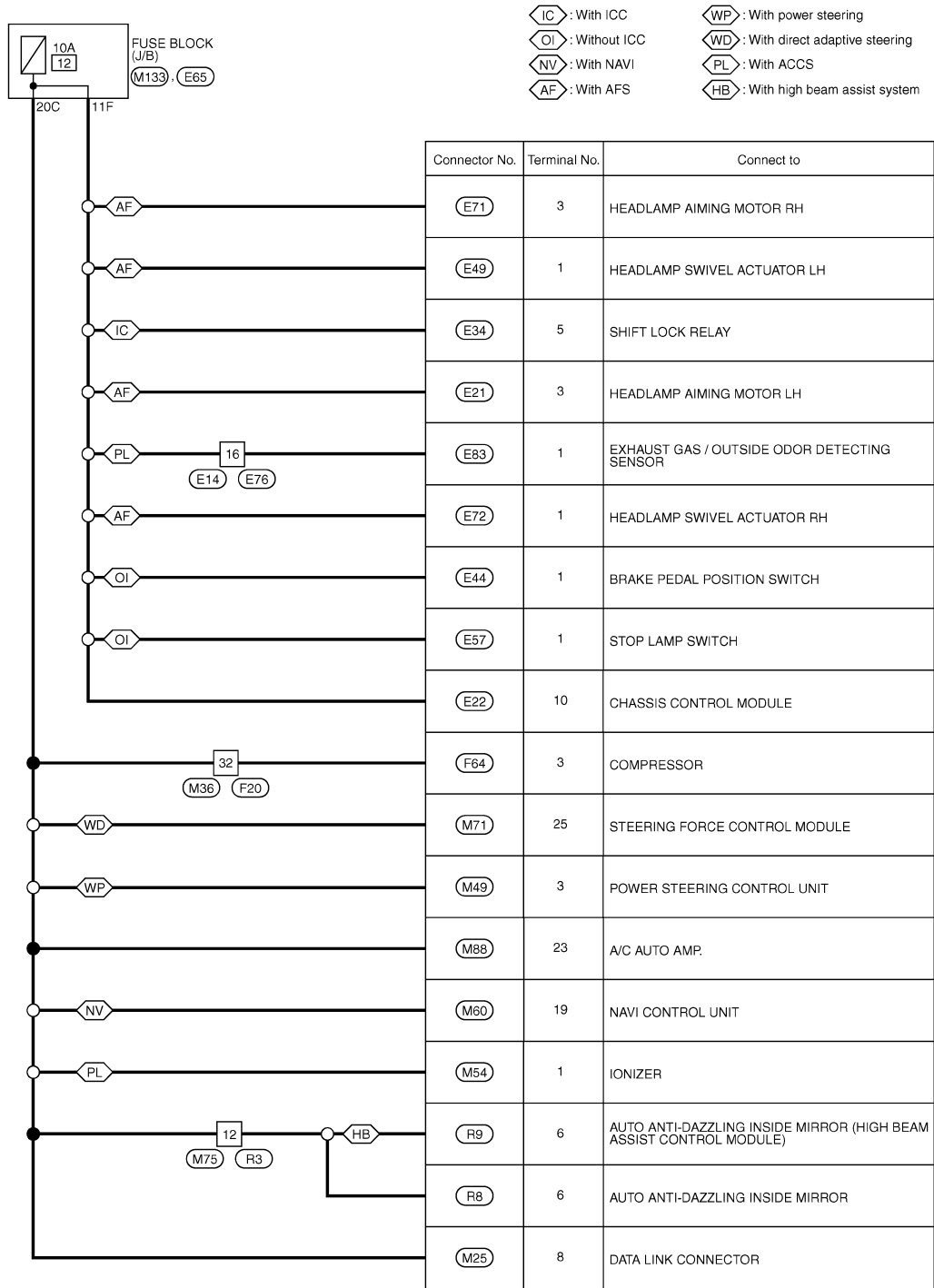
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 12 -

INFOID:000000009239724

IGNITION POWER SUPPLY FUSE No. 12



2013/05/17

JRMWE0071GB

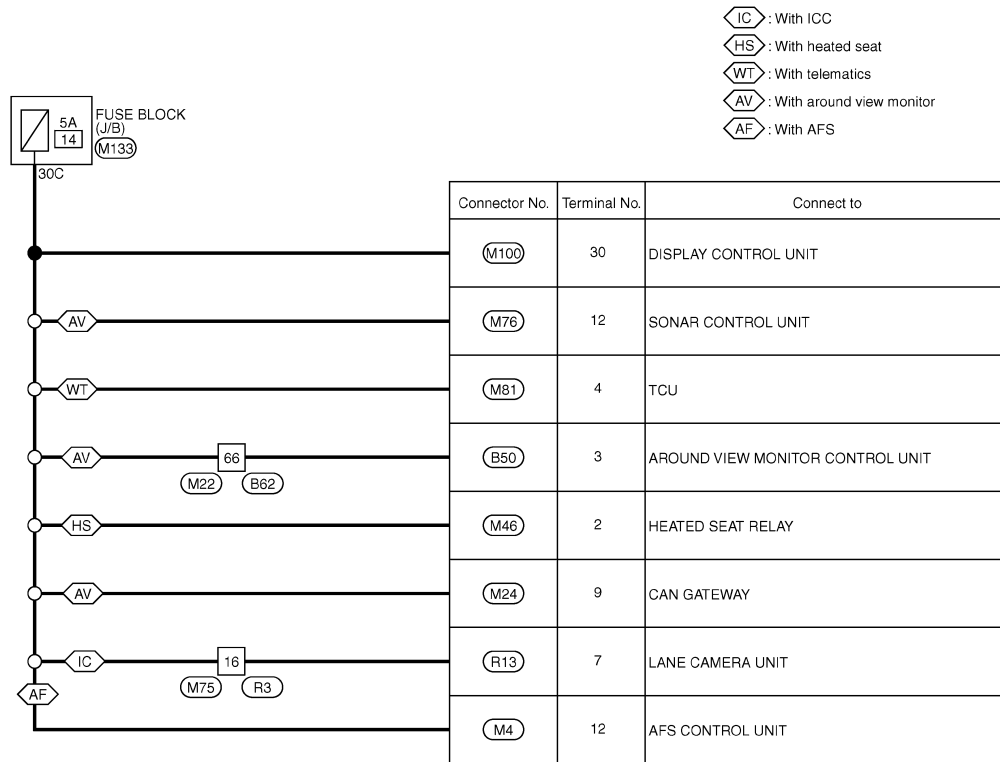
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 14 -

INFOID:000000009239725

IGNITION POWER SUPPLY FUSE No. 14



2013/05/17

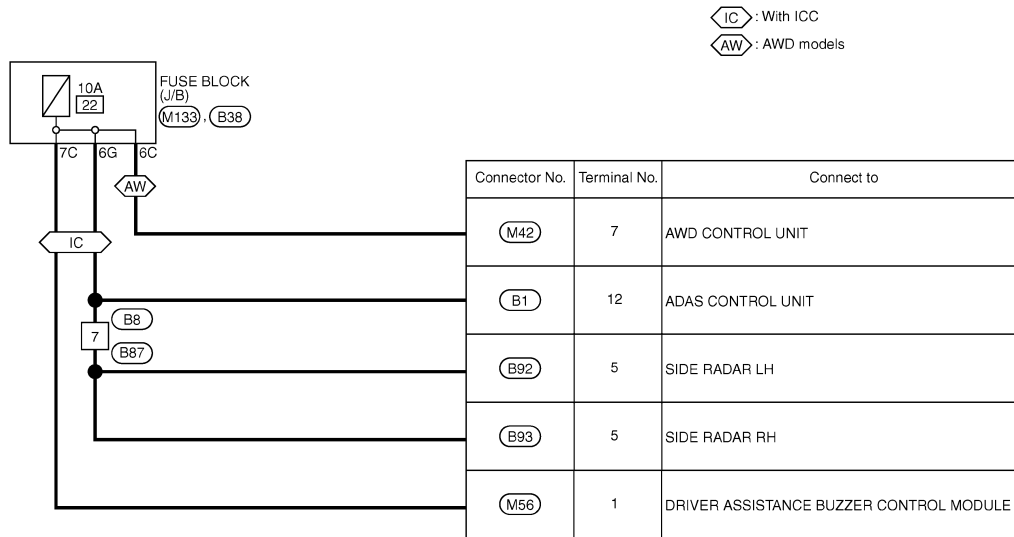
JRMWE0072GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 22 - IGNITION POWER SUPPLY FUSE No. 22

INFOID:000000009621400



2013/05/17

JRMWE0073GB

PG

N

O

P

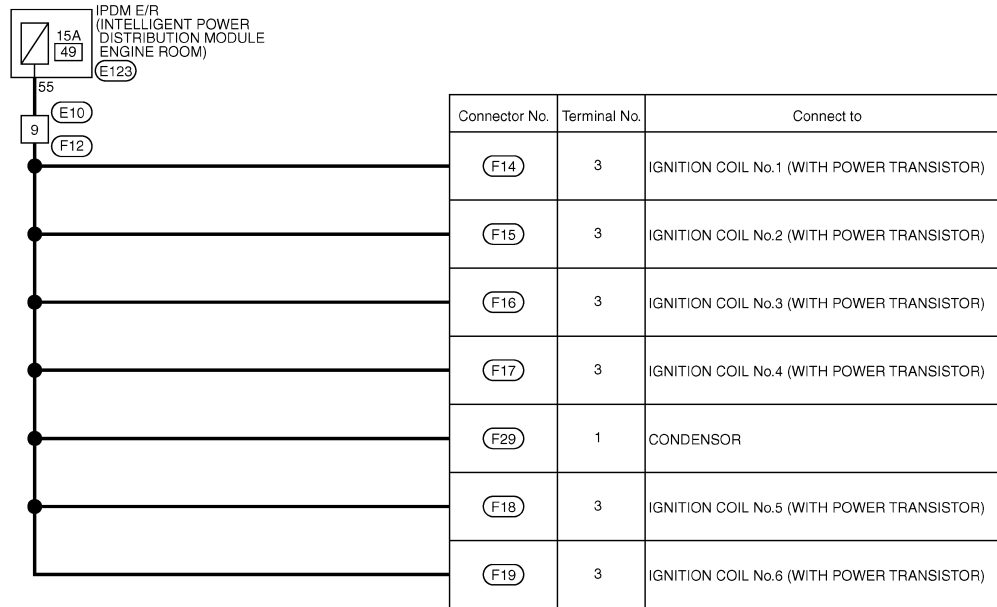
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 49 -

INFOID:000000009621401

IGNITION POWER SUPPLY FUSE No. 49



2013/05/17

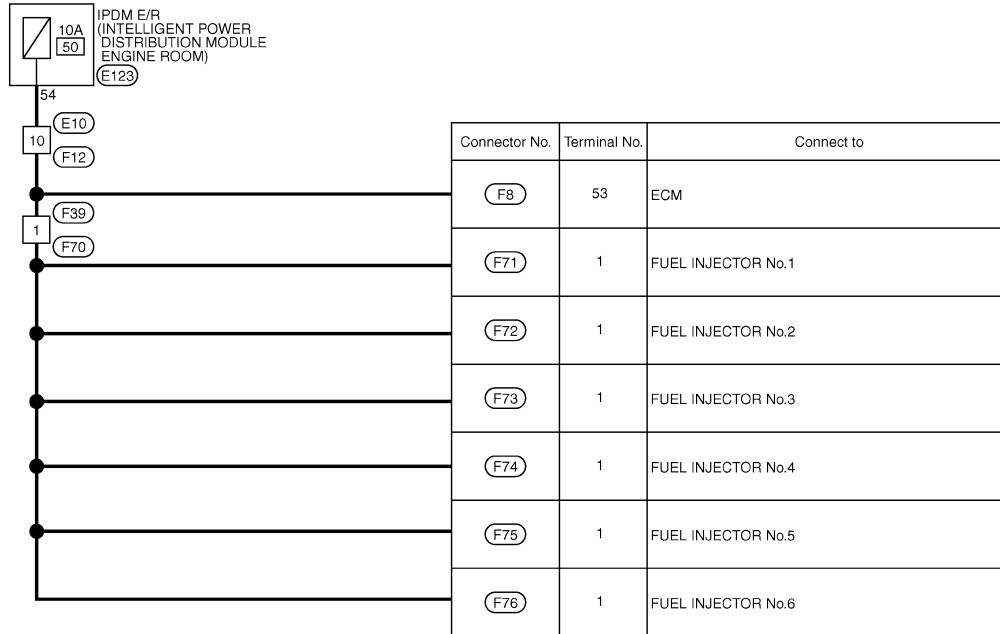
JRMWE0074GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 50 - IGNITION POWER SUPPLY FUSE No. 50

INFOID:000000009621402



2013/05/17

JRMWE0075GB

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

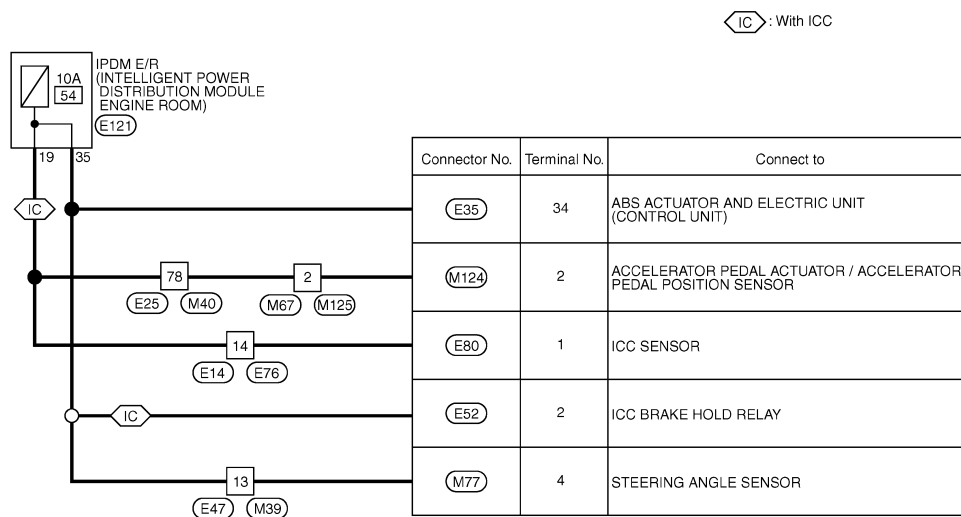
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 54 -

INFOID:000000009239726

IGNITION POWER SUPPLY FUSE No. 54



2013/05/17

JRMWE0076GB

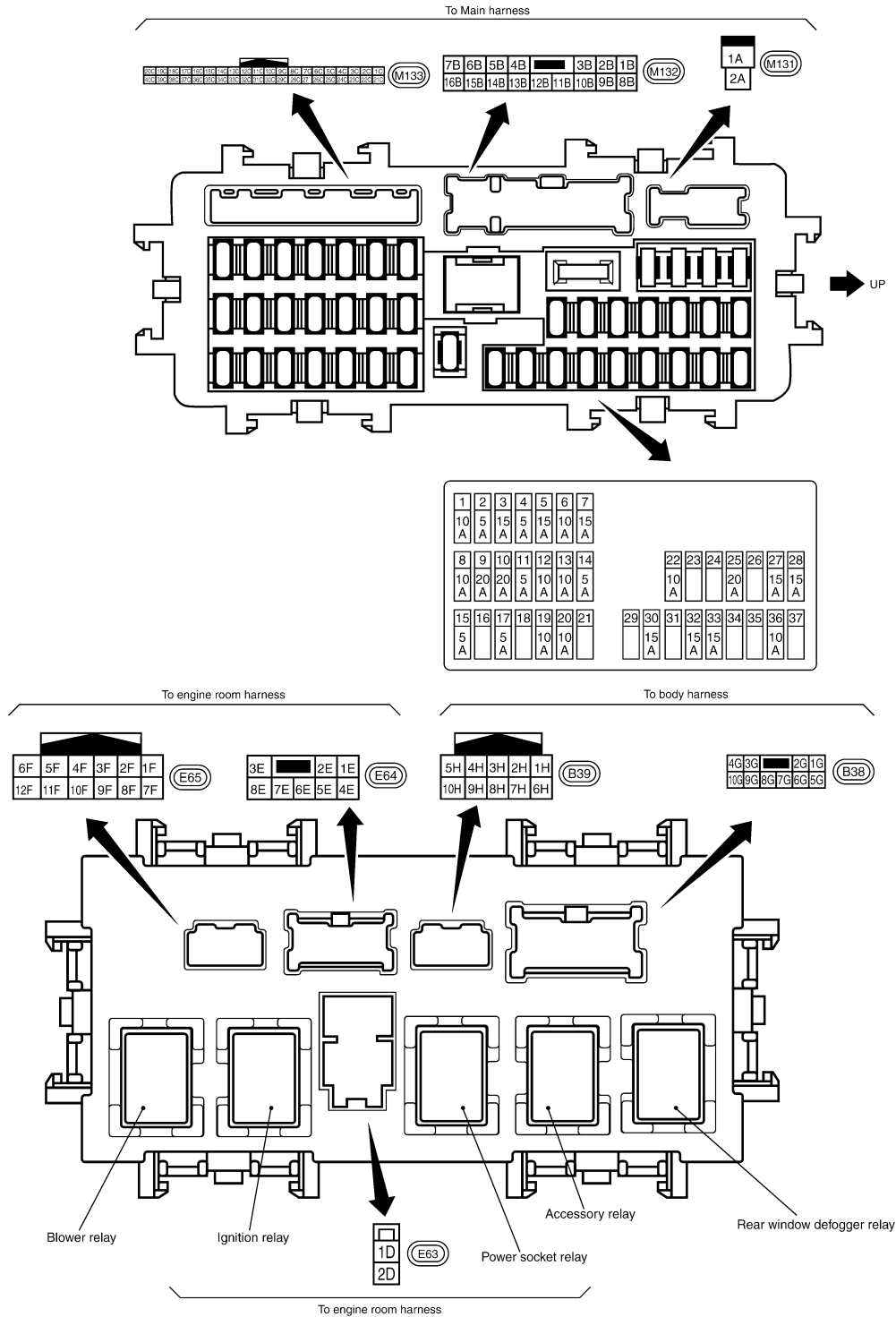
FUSE BLOCK - JUNCTION BOX (J/B)

< WIRING DIAGRAM >

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000009239728



2013/05/17

JRMWE0077GB

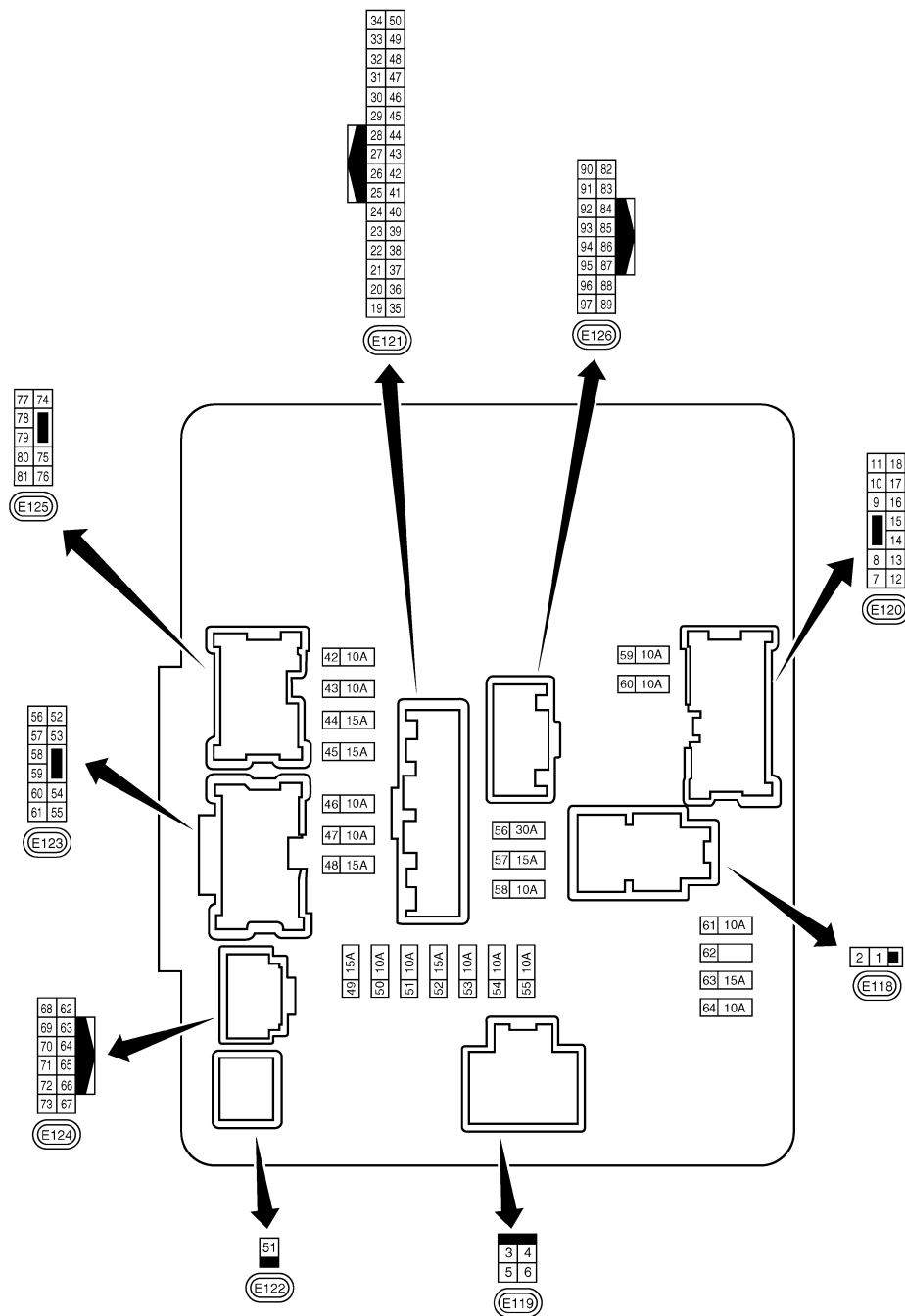
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

< WIRING DIAGRAM >

IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

Fuse, Connector and Terminal Arrangement

INFOID:000000009239730



2013/05/17

JRMWE0079GB

HARNESS LAYOUT

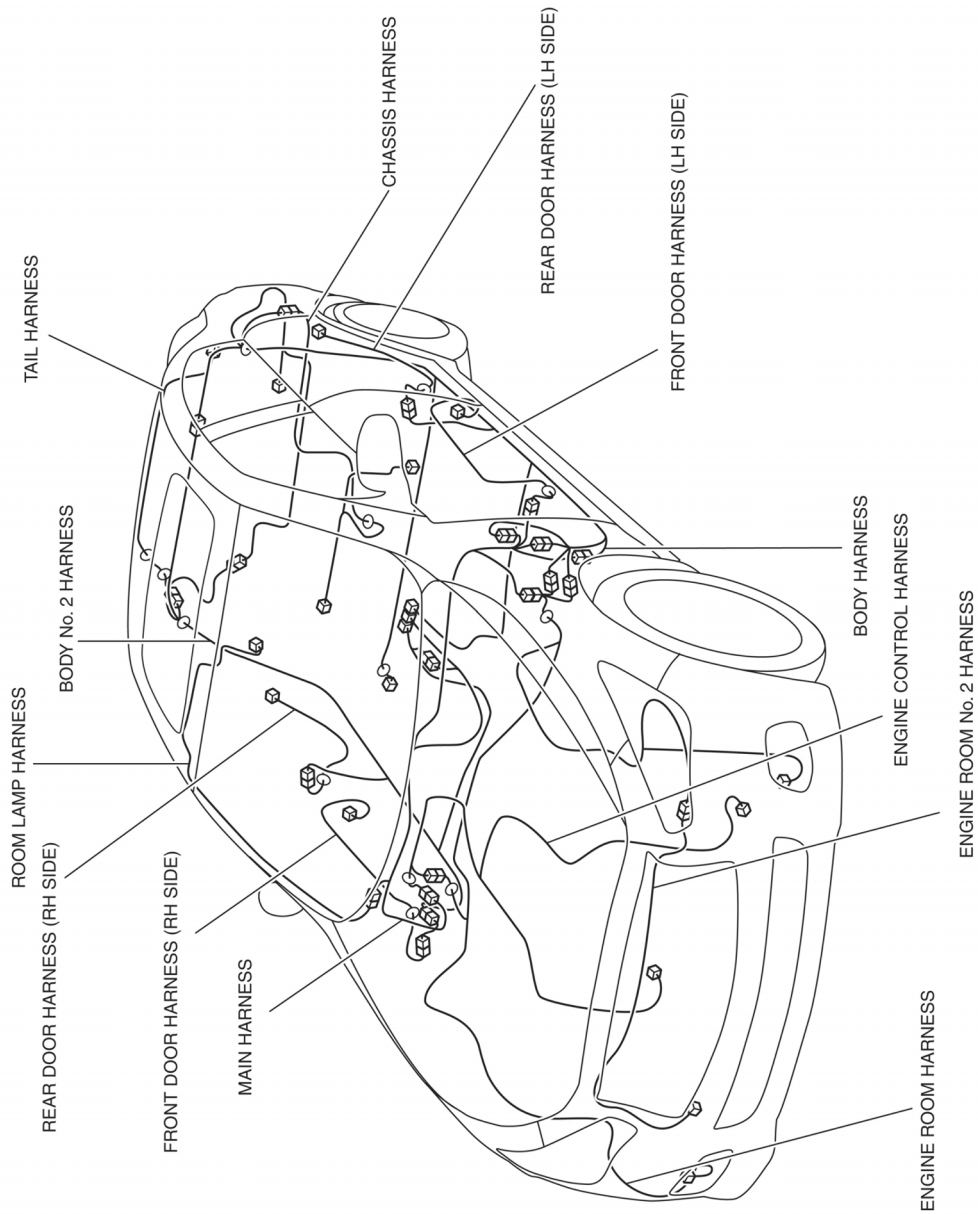
< WIRING DIAGRAM >

HARNESS LAYOUT

Outline

INFOID:000000009445088

OUTLINE



2013/05/17

JRMIC2970GB

HARNESS LAYOUT

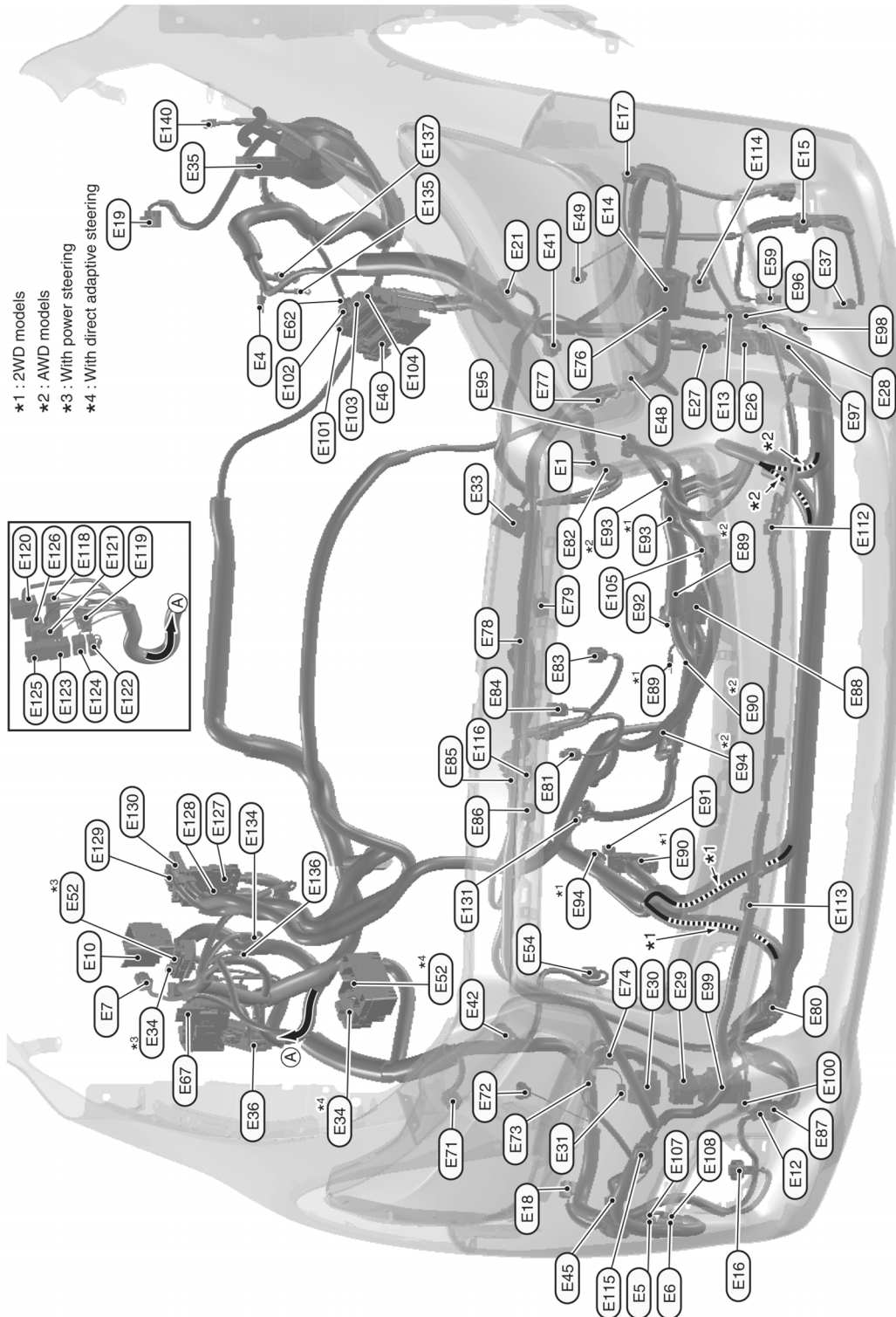
< WIRING DIAGRAM >

Engine Room Harness

INFOID:000000009239733

ENGINE COMPARTMENT

ENGINE ROOM HARNESS /
Engine Compartment



JRMIC2971GB

2013/05/17

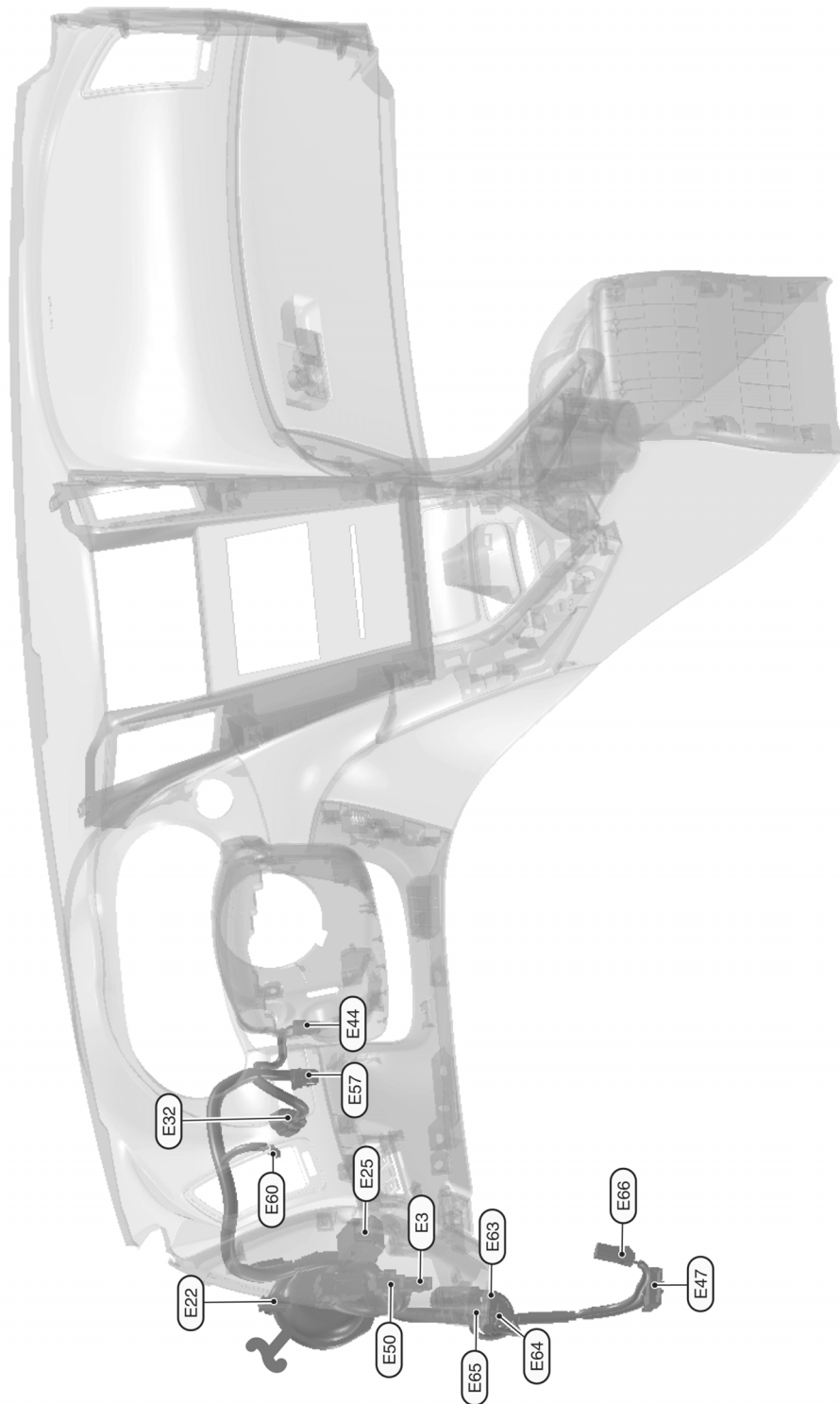
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

HARNESS LAYOUT

< WIRING DIAGRAM >

PASSENGER COMPARTMENT

Passenger Compartment



2013/05/17

JRMIC2972GB

HARNESS LAYOUT

< WIRING DIAGRAM >

Engine Control Harness

INFOID:000000009239734

ENGINE COMPARTMENT

ENGINE CONTROL HARNESS /
Engine Compartment



*1 : 2WD models
*2 : AWD models

JRMIC2973GB
2013/05/17

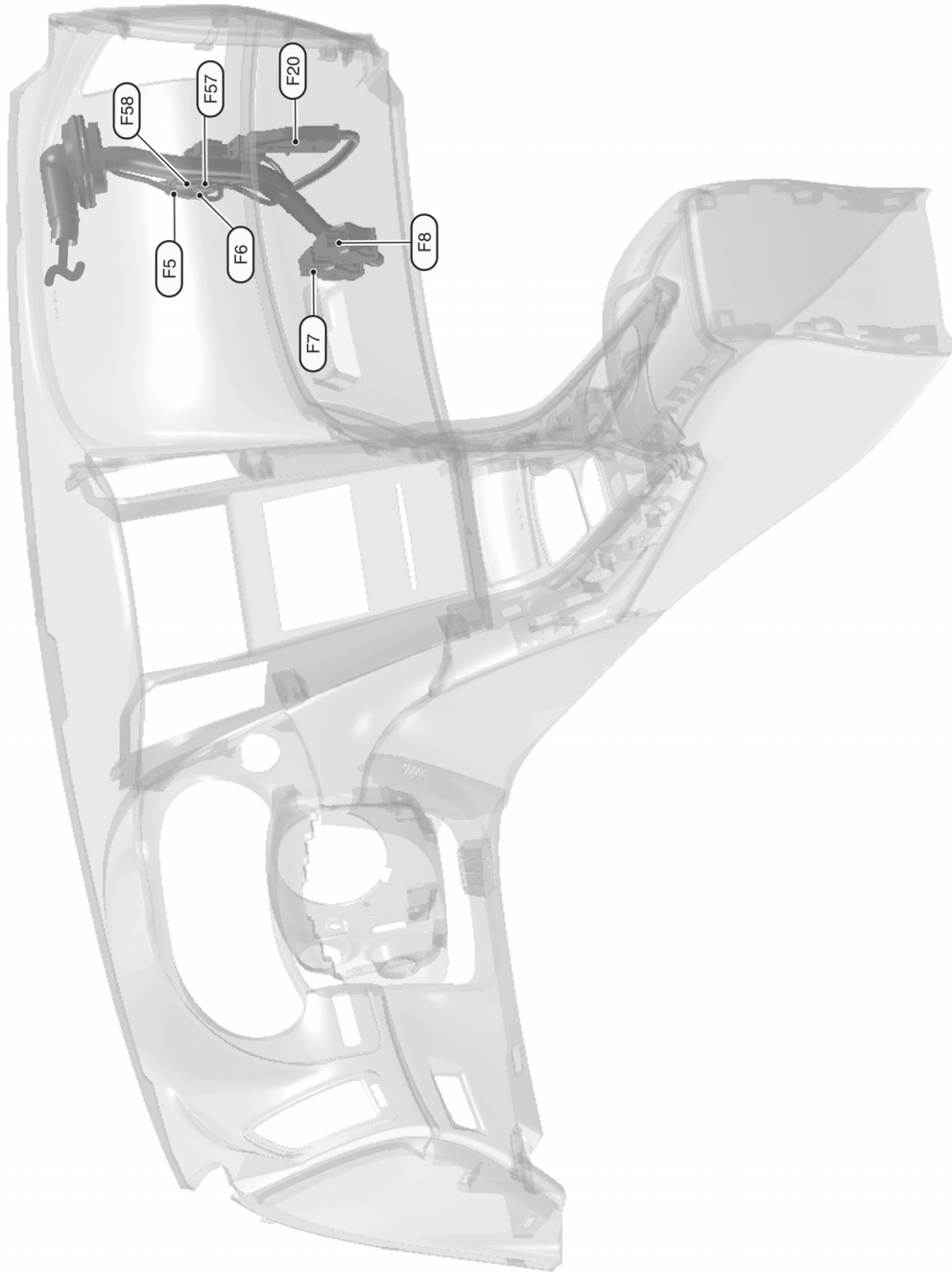
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

HARNESS LAYOUT

< WIRING DIAGRAM >

PASSENGER COMPARTMENT

Passenger Compartment



2013/05/17

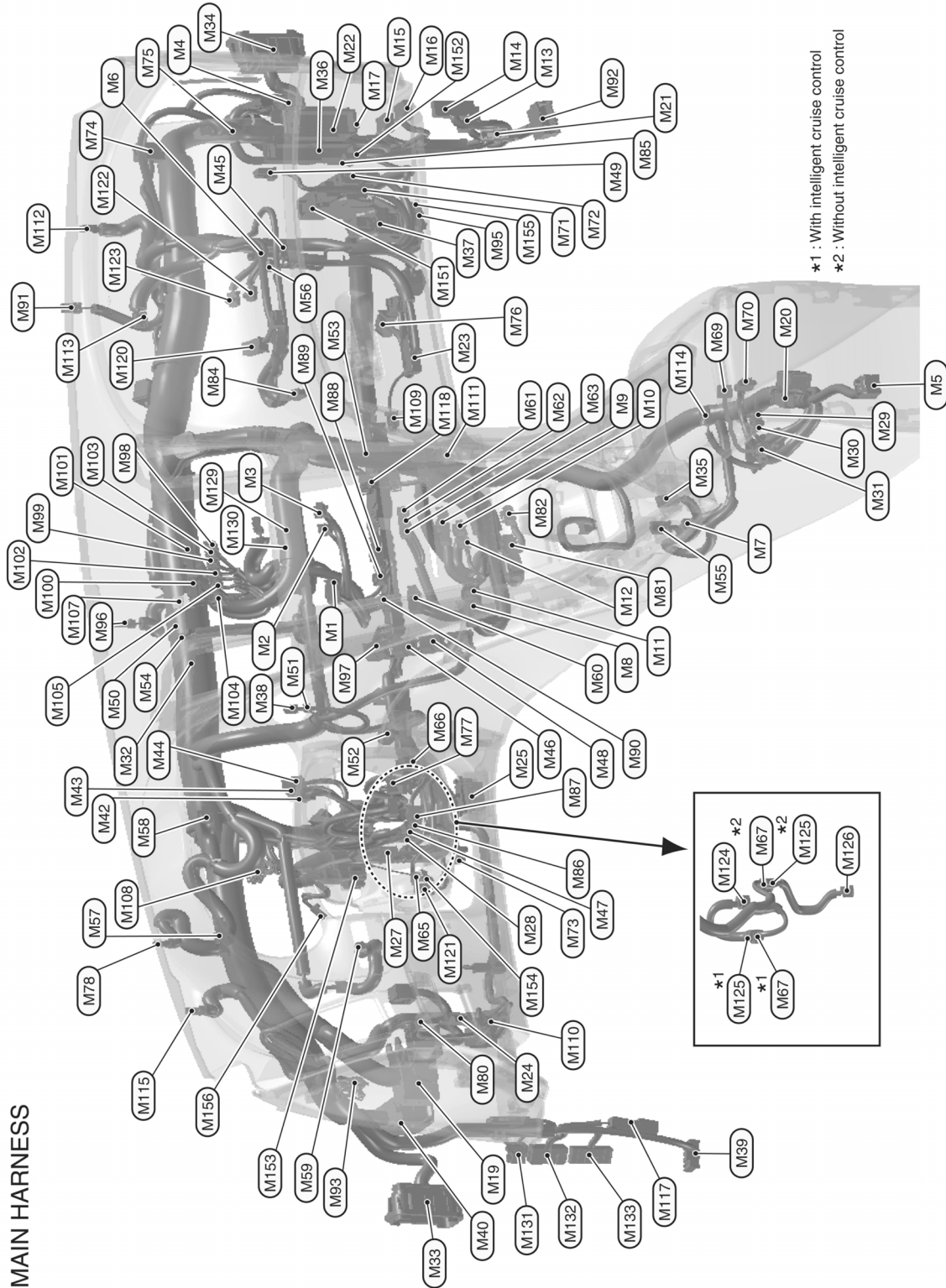
JRMIC2974GB

HARNESS LAYOUT

< WIRING DIAGRAM >

Main Harness

INFOID:000000009239735



MAIN HARNESS

JRMIC2975GB

2013/05/17

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

HARNESS LAYOUT

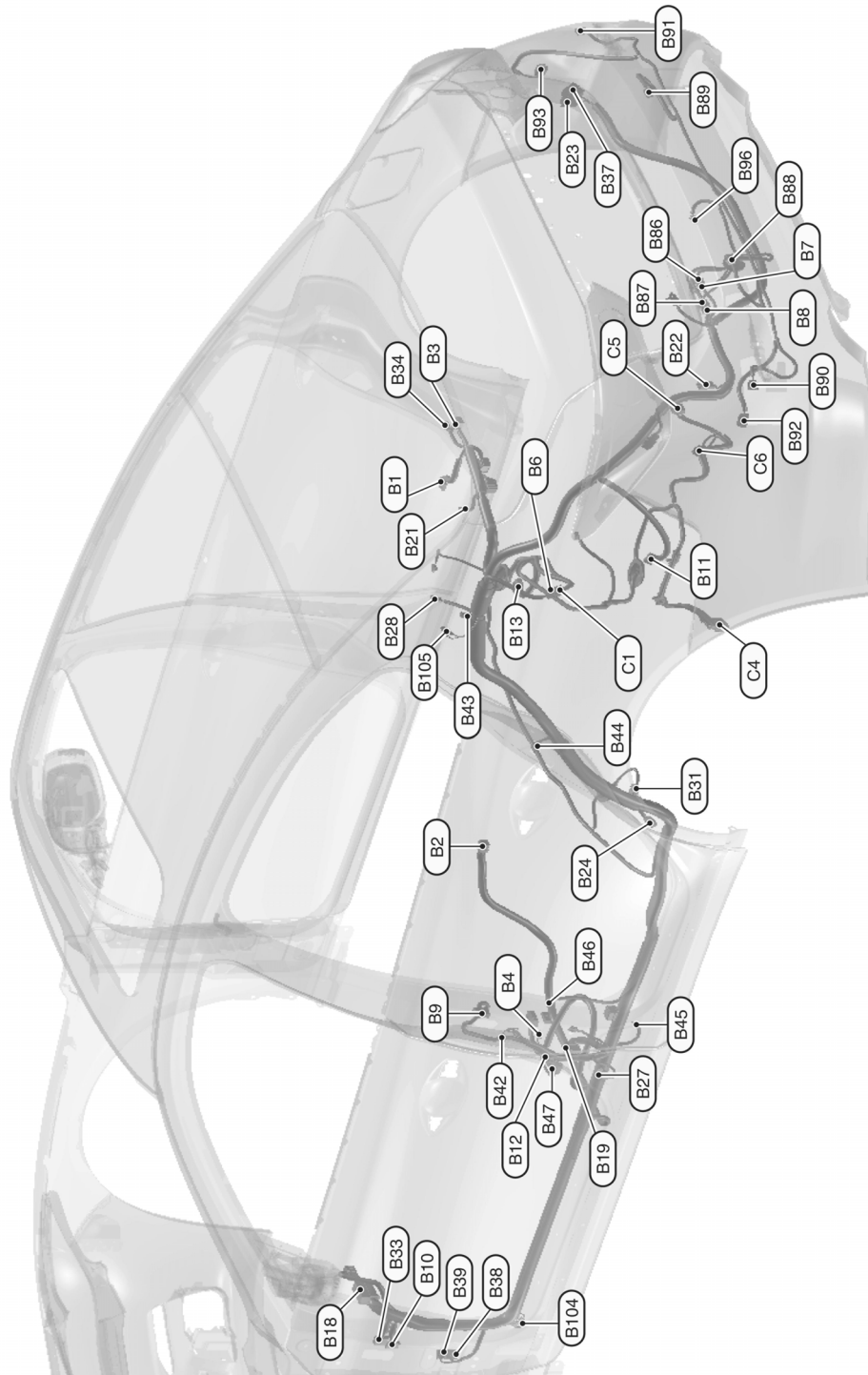
< WIRING DIAGRAM >

Body Harness

INFOID:000000009239736

BODY HARNESS

BODY HARNESS

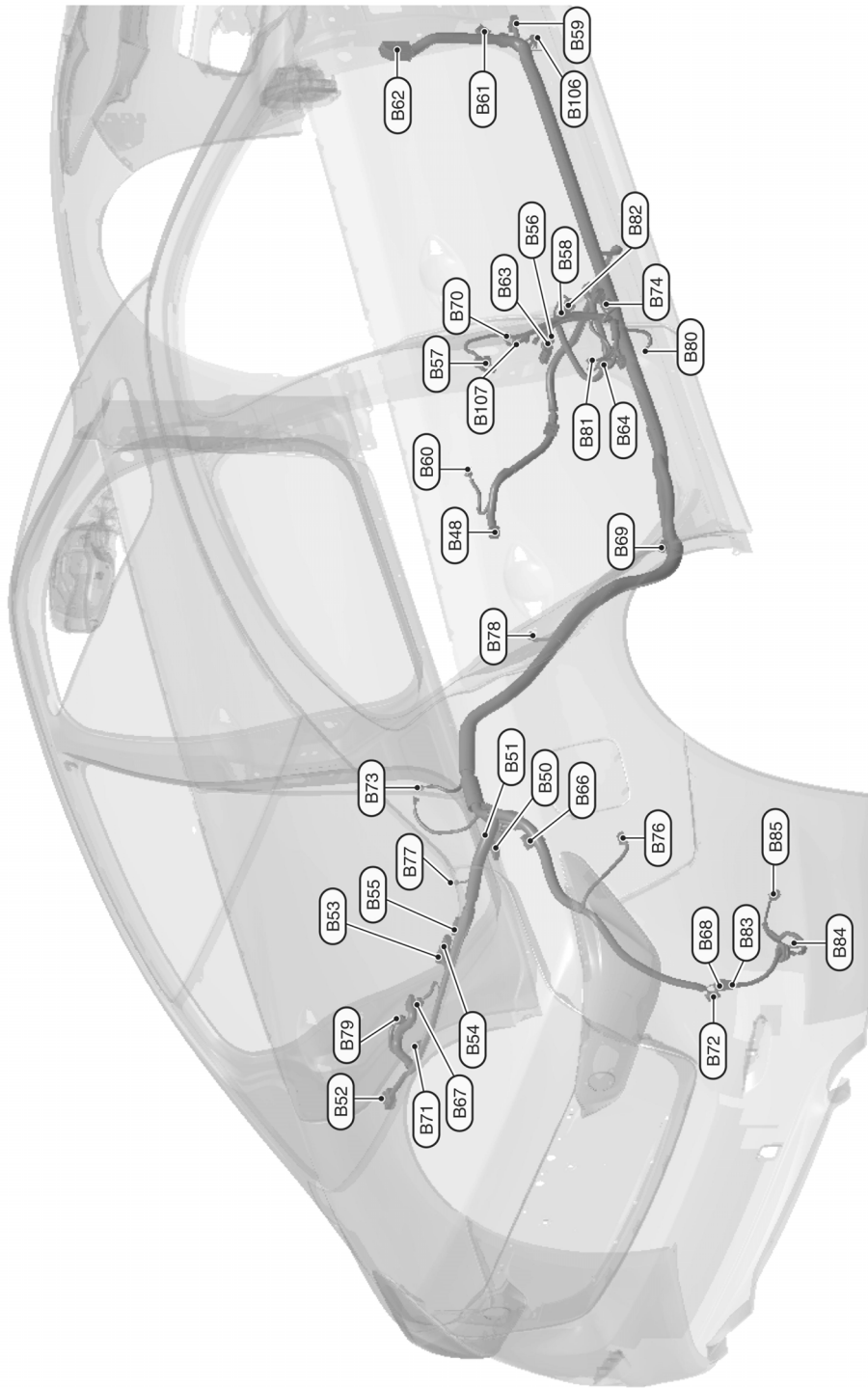


JRMIC2976GB
2013/05/17

HARNESS LAYOUT

< WIRING DIAGRAM >
BODY No. 2 HARNESS

BODY No. 2 HARNESS



JRMIC2977GB

2013/05/17

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

HARNESS LAYOUT

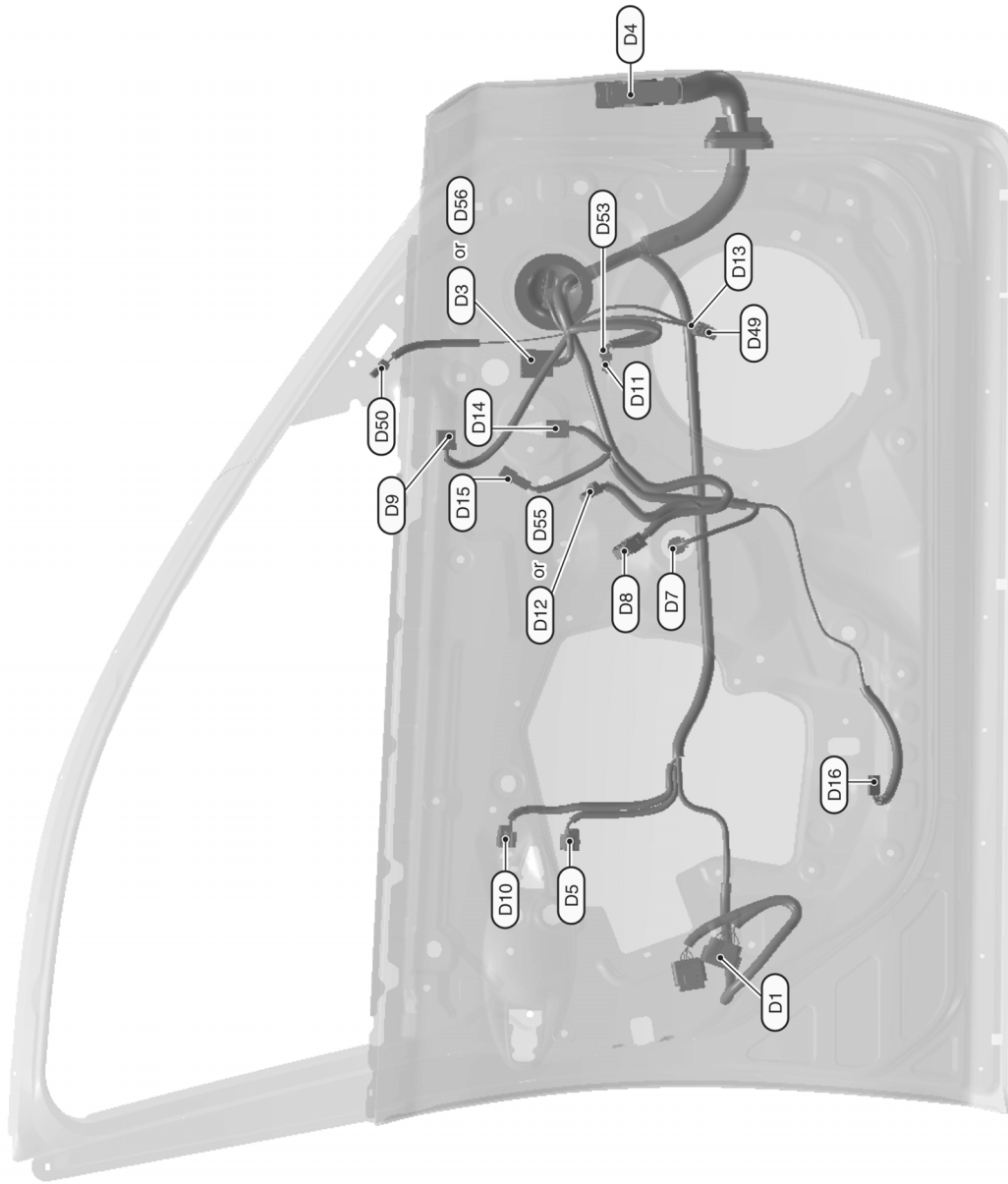
< WIRING DIAGRAM >

Door Harness

INFOID:000000009239737

FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE)



JRMIC2978GB

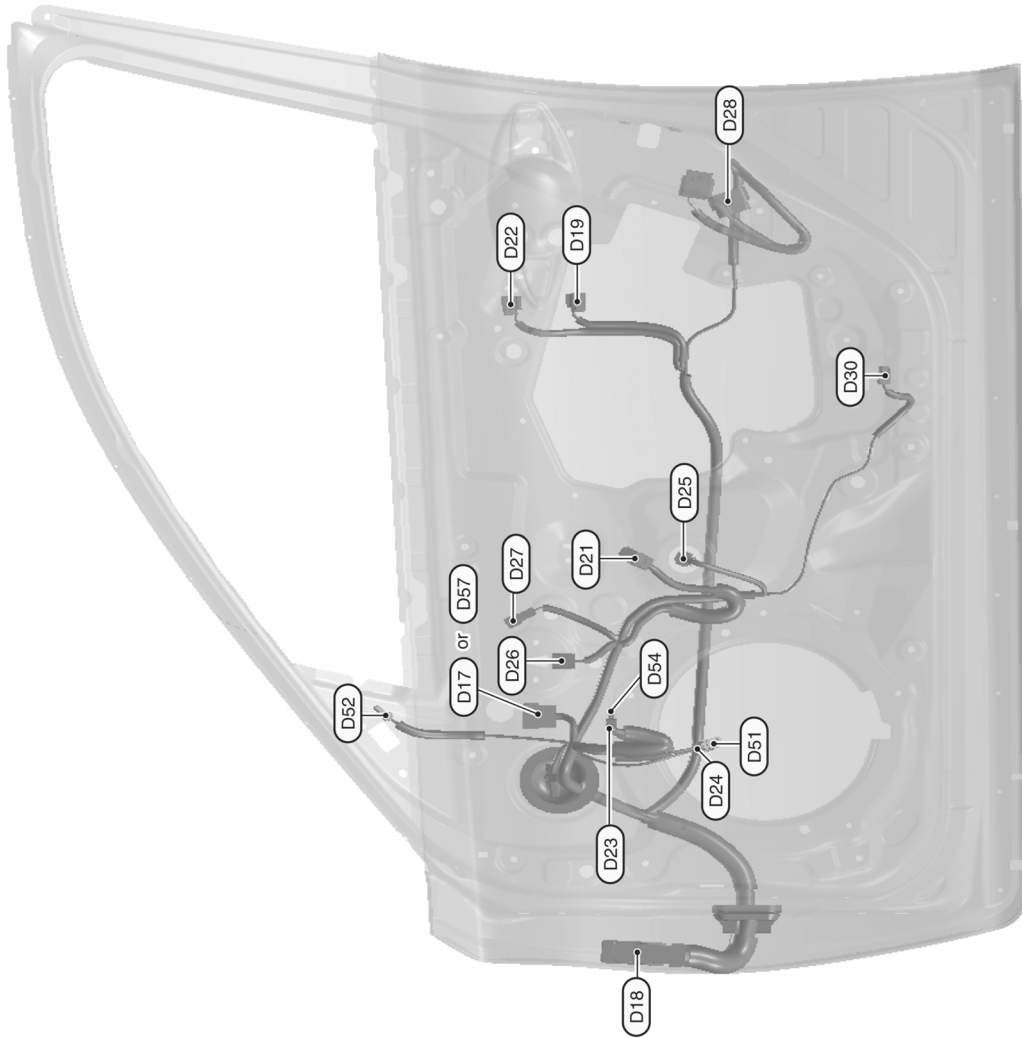
2013/05/17

HARNESS LAYOUT

< WIRING DIAGRAM >

FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE)



JRMIC2979GB
2013/05/17

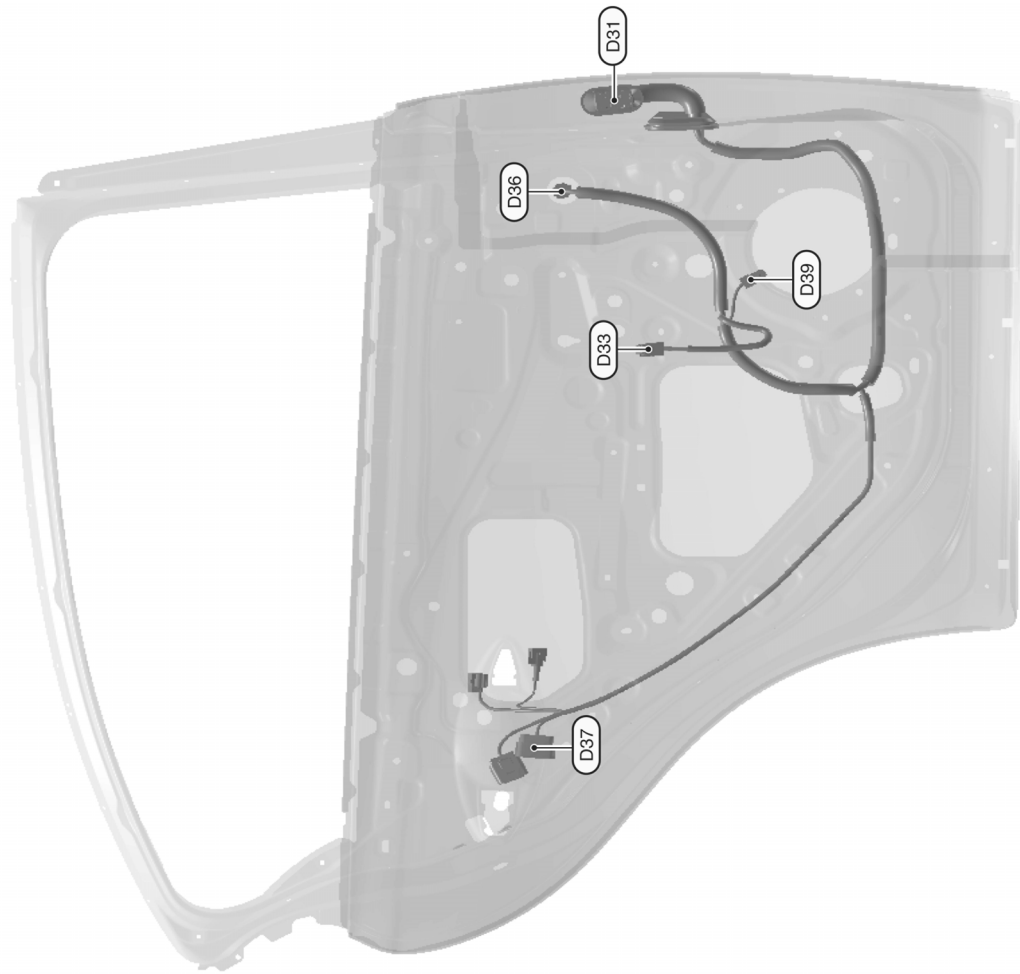
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

HARNESS LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (LH SIDE)

REAR DOOR HARNESS (LH SIDE)



2013/05/17

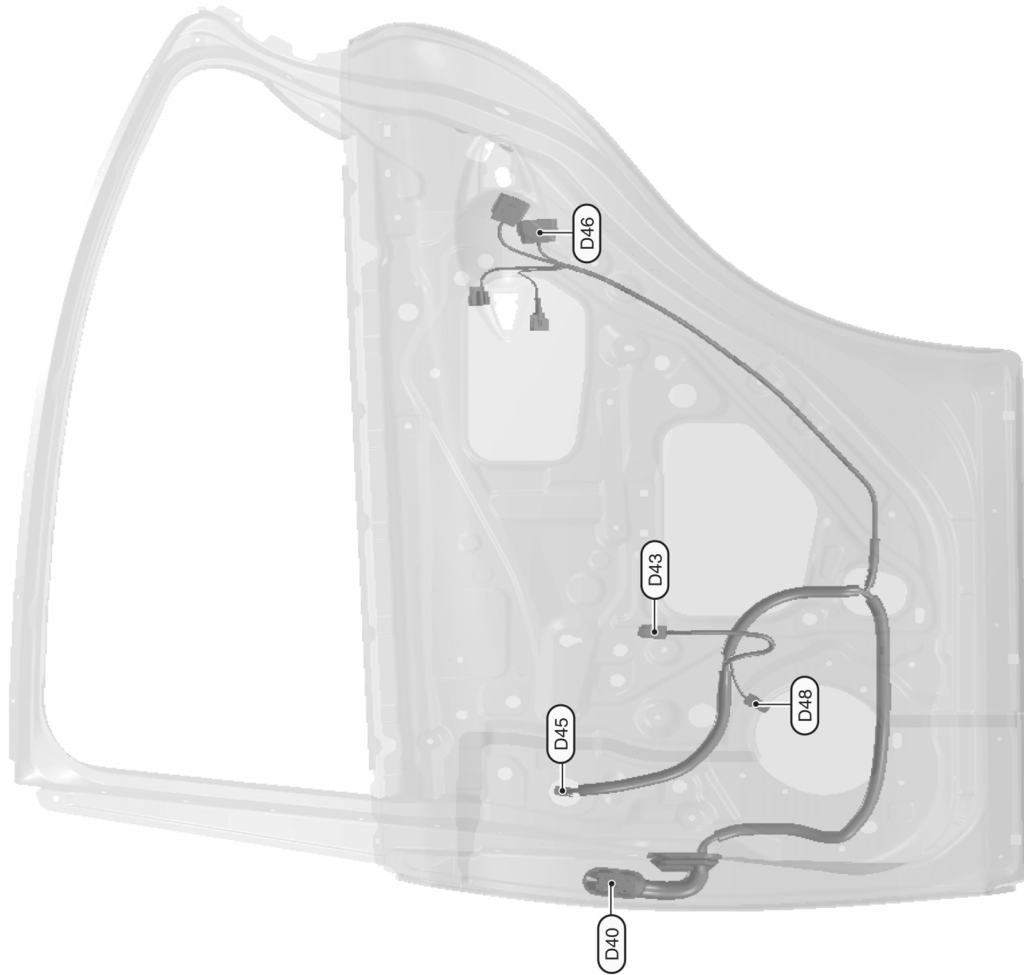
JRMIC2980GB

HARNESS LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (RH SIDE)

REAR DOOR HARNESS (RH SIDE)



2013/05/17
JRMIC2981GB

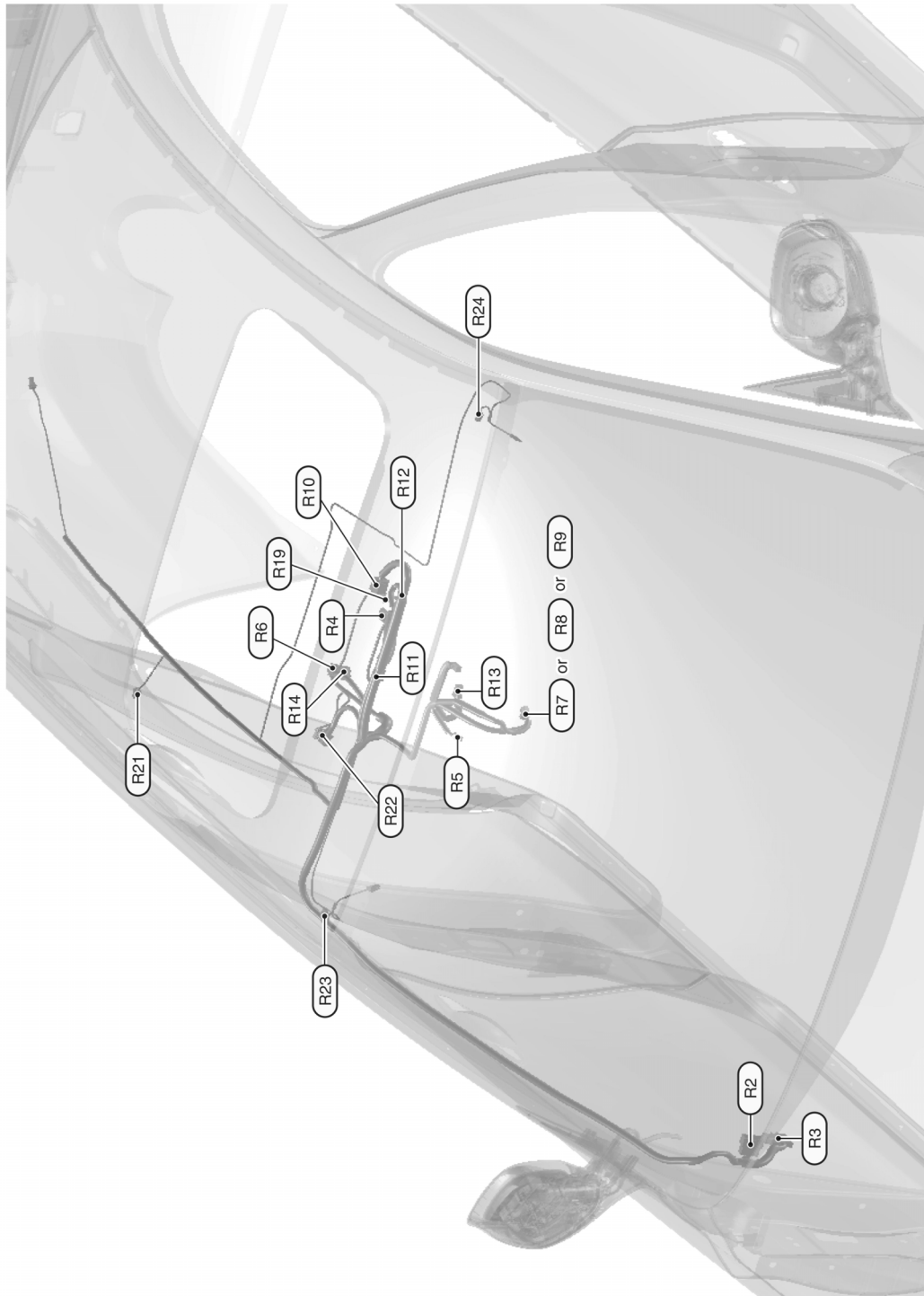
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

HARNESS LAYOUT

< WIRING DIAGRAM >

Room Lamp Harness

INFOID:000000009239738



ROOM LAMP HARNESS

2013/05/17

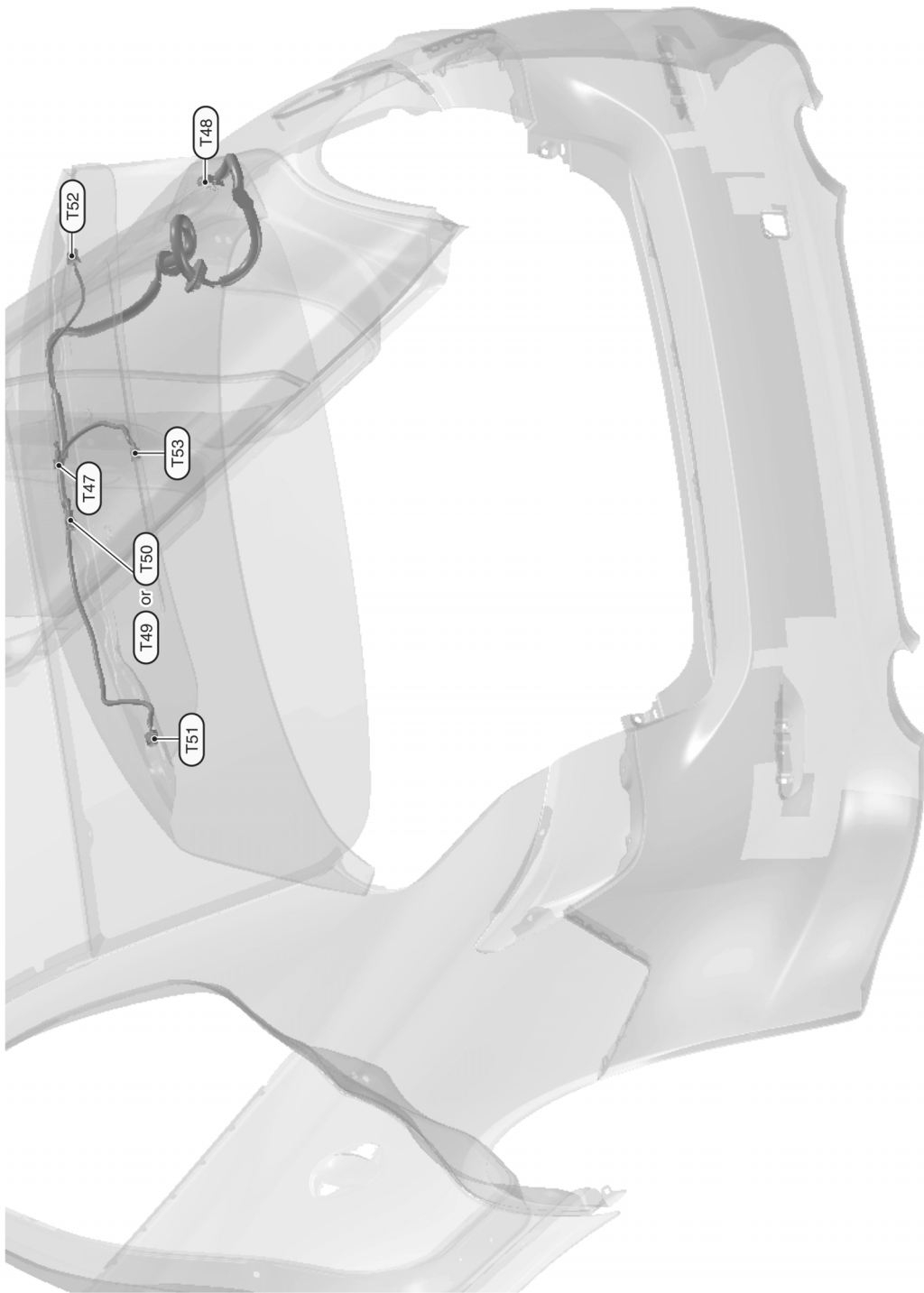
JRMIC2982GB

HARNESS LAYOUT

< WIRING DIAGRAM >

Tail Harness

INFOID:000000009239739



TAIL HARNESS

2013/05/17

JRMIC2983GB

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

BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

BATTERY INSPECTION

How to Handle Battery

INFOID:000000009239748

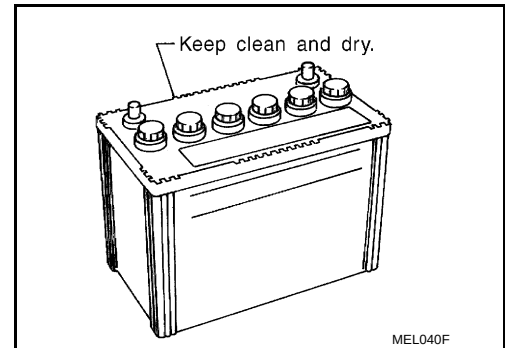
CAUTION:

- 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.

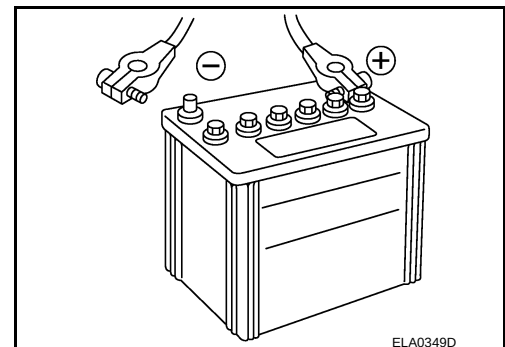
METHODS OF PREVENTING OVER-DISCHARGE

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 fuse switch, turn it off.)



Work Flow

INFOID:000000009239749

BATTERY DIAGNOSIS WITH EXP-800 NI OR GR8-1200 NI

To diagnose and confirm the condition of the battery, use the following special service tools:

- EXP-800 NI Battery and electrical diagnostic analyzer
- GR8-1200 NI Multitasking battery and electrical diagnostic station

NOTE:

Refer to the applicable instruction manual for proper battery diagnosis procedures.

BATTERY DIAGNOSIS WITHOUT EXP-800 NI OR GR8-1200 NI

Check Electrolyte Level

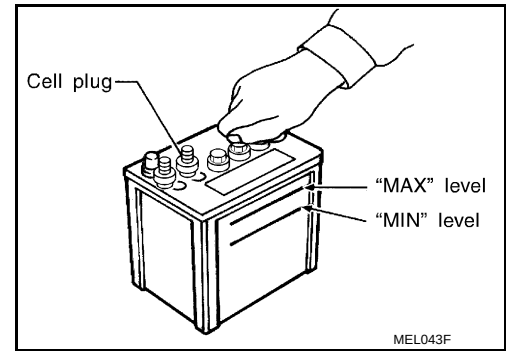
WARNING:

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. Failure to do this may cause personal injury or damage to clothing or the painted surfaces.

BATTERY INSPECTION

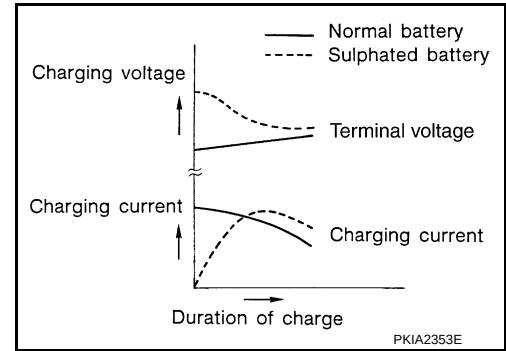
< BASIC INSPECTION >

- 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.



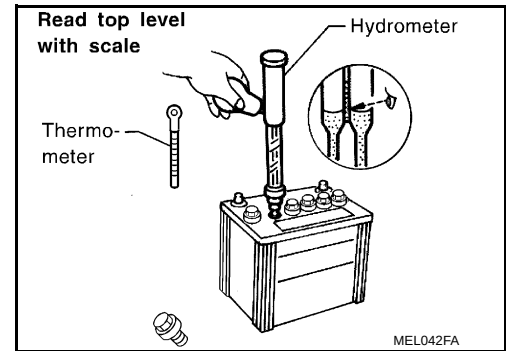
Specific Gravity Check

NOTE:

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.

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

BATTERY INSPECTION

< BASIC INSPECTION >

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
4 (40)	-0.016
-1 (30)	-0.020
-7 (20)	-0.024
-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 (Standard Charge)

Approximate charge condition	Charge current (A)	Charge time (h)
Fully charged	5	2
3/4 charged		2.5
1/2 charged		5
1/4 charged		7.5
Almost discharged		9
Completely discharged		10

Charging Rates (Quick Charge)

Approximate charge condition	Charge current (A)	Charge time (h)
Fully charged	—	—
3/4 charged	13	0.5
1/2 charged	26	
1/4 charged		
Almost discharged		
Completely discharged	—	—

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.

INFOID:0000000009239750

OK

Blown

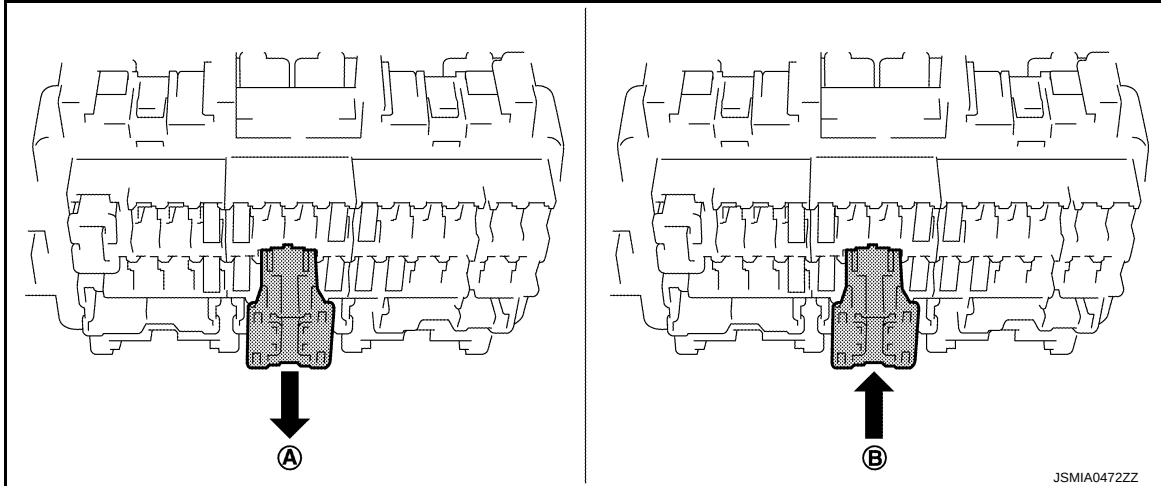
CEL083

The image contains three diagrams labeled A, B, and C, illustrating the installation of a 12-pin D-sub connector into a PCB. Each diagram shows a top-down view of the connector being inserted into a specific port on the PCB. The connector is a 12-pin D-sub connector, and the PCB has a central area with a grid of pins. The diagrams show the connector being inserted into the top, bottom, and side ports of the PCB.

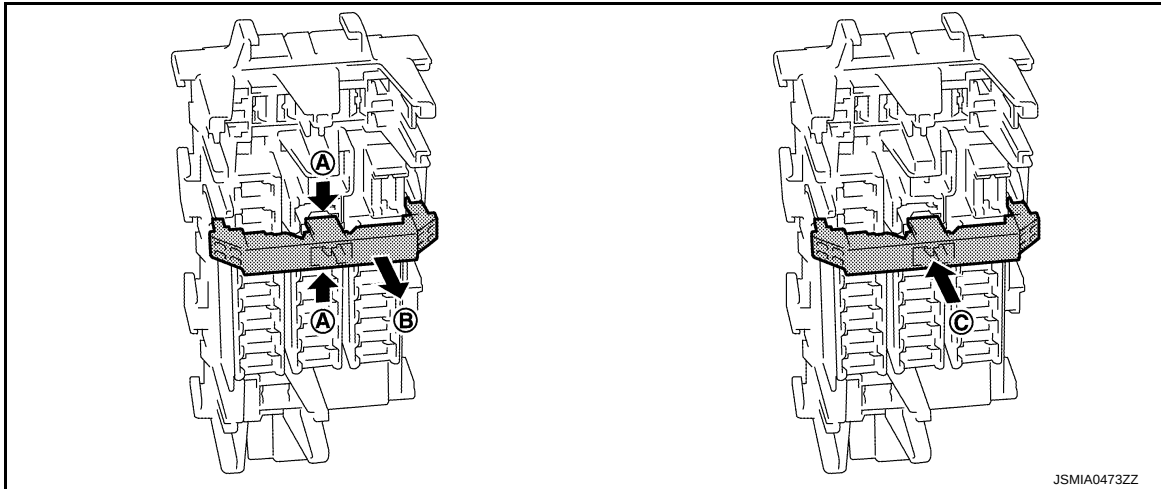
FUSE INSPECTION

< BASIC INSPECTION >

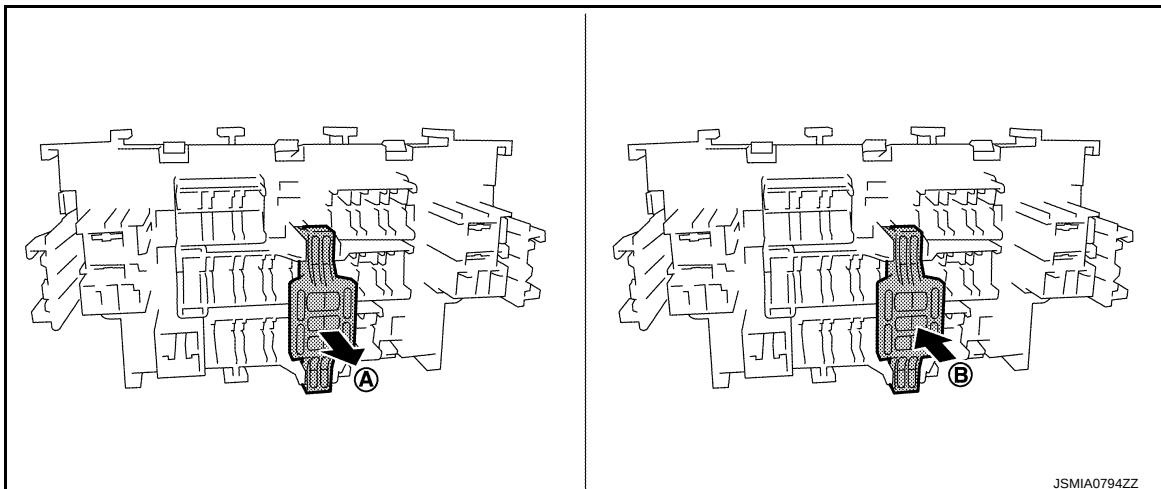
- Type A



- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
 - To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.
- Type B



- To turn the extended storage fuse switch OFF, hold (A) of the switch and pull up in (B) direction as shown in the figure.
 - To turn the extended storage fuse switch ON, press it in (C) direction as shown in the figure.
- Type C



- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

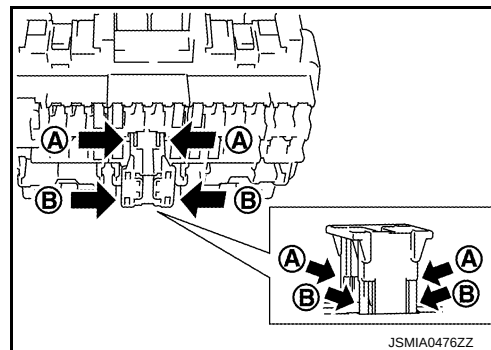
How To Remove Extended Storage Fuse Switch

Type A

FUSE INSPECTION

< BASIC INSPECTION >

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Press pawl (A) and tilt to disengage the extended storage fuse switch. Press pawl (B) and tilt to remove the extended storage fuse switch.

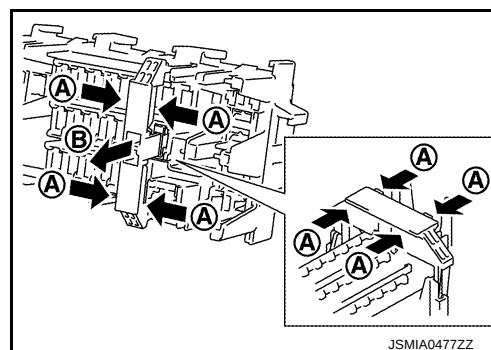


NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

Type B

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.

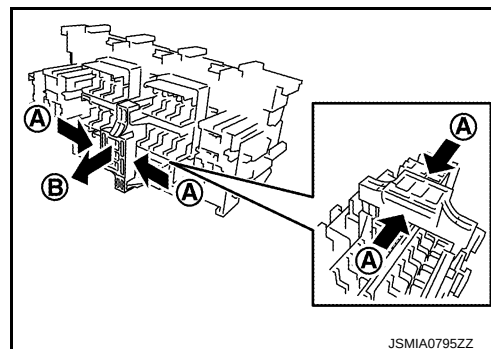


NOTE:

- Extended storage fuse switch and fuse may be removed together. Remove fuse from extended storage fuse switch, if necessary.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

Type C

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.



NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.

FUSE INSPECTION

< BASIC INSPECTION >

- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

FUSIBLE LINK INSPECTION

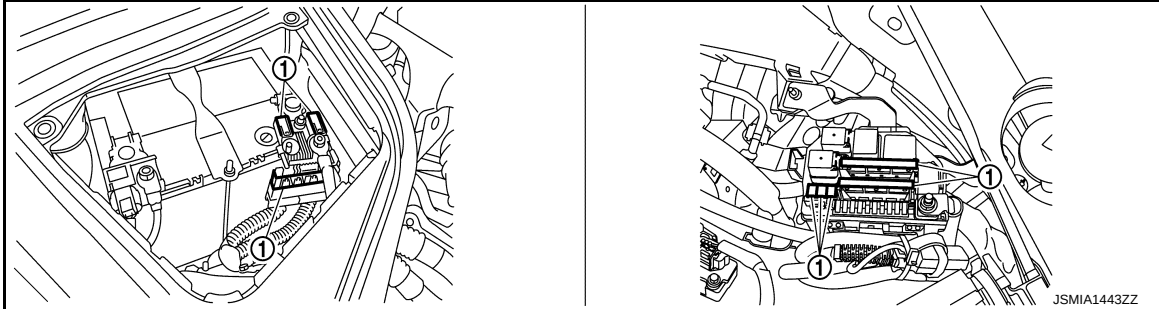
< BASIC INSPECTION >

FUSIBLE LINK INSPECTION

How To Check

INFOID:000000009239751

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.

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

PG

BATTERY

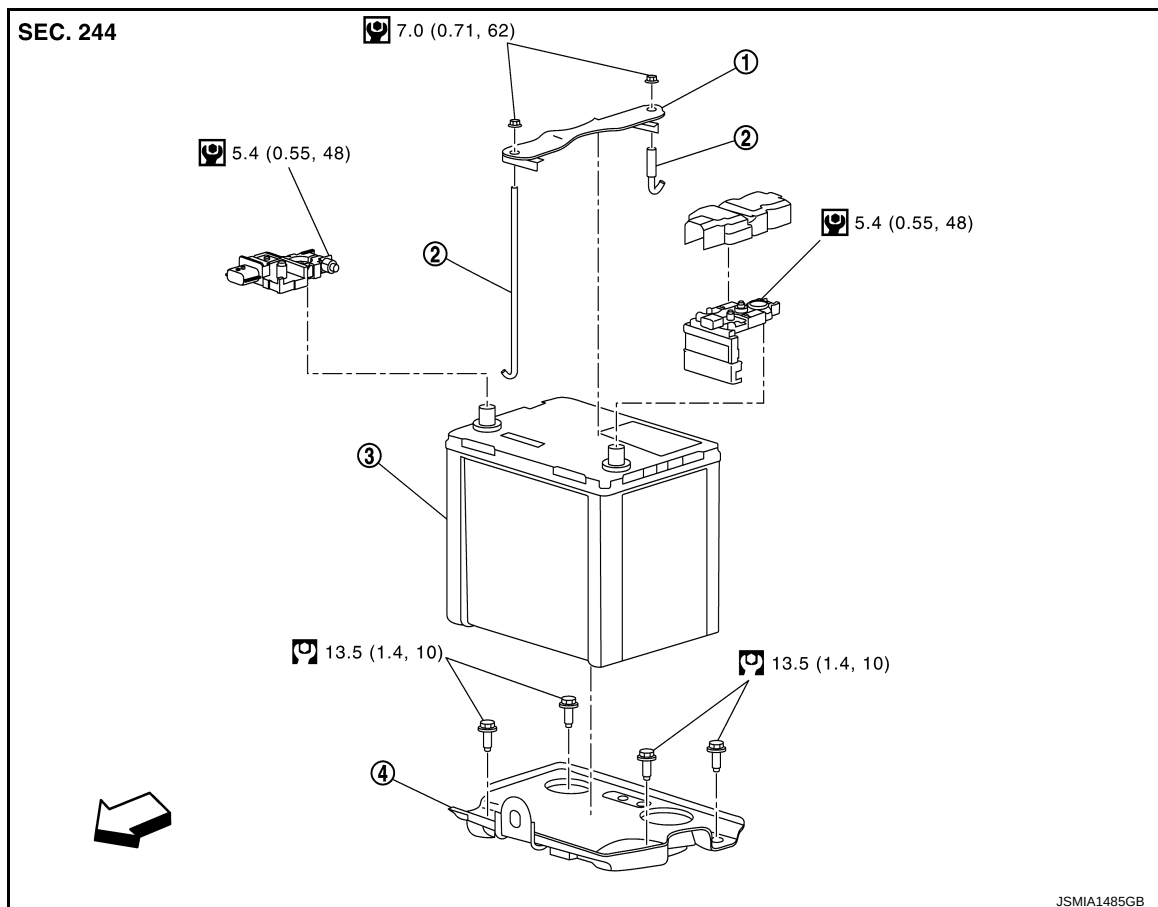
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

BATTERY

Exploded View

INFOID:000000009239752



① Battery fix frame

② Battery fix rod

③ Battery

④ Battery tray

⇐ : Vehicle front

: N·m (kg-m, ft-lb)

: N·m (kg-m, in-lb)

Removal and Installation

INFOID:000000009239753

REMOVAL

1. Remove cowl top cover RH. Refer to [EXT-26, "Exploded View"](#).
2. Disconnect the battery cable from the negative terminal.

CAUTION:

To prevent damage to the parts, disconnect the battery cable from the negative terminal first.

3. Remove cover of battery positive terminal.
4. Disconnect the battery cable from the positive terminal.
5. Remove battery fix frame mounting nuts and battery fix frame.
6. Remove battery.
7. Remove battery tray mounting bolts and battery tray.

BATTERY

< REMOVAL AND INSTALLATION >

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-77, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

A

B

C

D

E

F

G

H

I

J

K

L

PG

N

O

P

BATTERY TERMINAL WITH FUSIBLE LINK

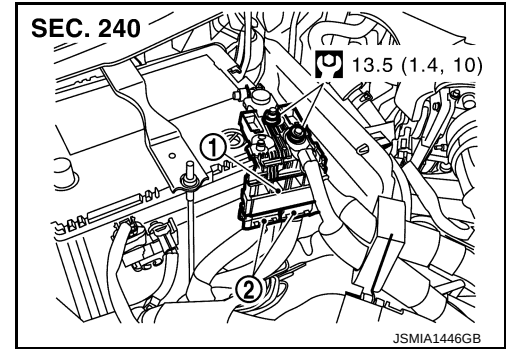
< REMOVAL AND INSTALLATION >

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000009239754

- ① : Battery terminal with fusible link
- ② : Harness connector
-  : N·m (kg-m, ft-lb)



Removal and Installation

INFOID:000000009239755

REMOVAL

1. Remove hoodledge cover RH. Refer to [EXT-26, "Exploded View"](#).
2. Disconnect the battery cable from the negative terminal. Refer to [PG-106, "Exploded View"](#).
CAUTION:
To prevent damage to the parts, disconnect the battery cable from the negative terminal first.
3. Remove cover of battery positive terminal.
4. Remove harness mounting nuts and battery terminal with fusible link mounting nut.
5. Disconnect harness connector and remove battery terminal with fusible link.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

When connecting, connect the battery cable to the positive terminal first.

BATTERY CURRENT SENSOR

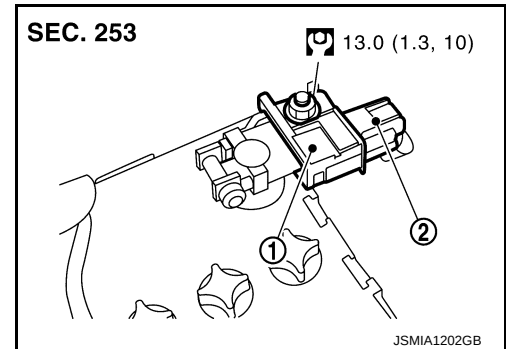
< REMOVAL AND INSTALLATION >

BATTERY CURRENT SENSOR

Exploded View

INFOID:000000009337811

- ① : Battery current sensor
(With battery temperature sensor)
- ② : Harness connector
-  : N·m (kg-m, ft-lb)



Removal and Installation

INFOID:000000009337812

REMOVAL

1. Remove hoodledge cover RH. Refer to [EXT-26, "Exploded View"](#).
2. Disconnect the battery cable from the negative terminal. Refer to [PG-106, "Exploded View"](#).
3. Disconnect the battery current sensor connector.
4. Remove the battery current sensor mounting nut.
5. Remove the battery current sensor from battery cable.

INSTALLATION

Install in the reverse order of removal.

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

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:0000000009239756

WITH DIRECT ADAPTIVE STEERING

Type		Q-85
20 hour rate capacity	[V – Ah]	12 – 62
Cold cranking current (For reference value)	[A]	600

WITHOUT DIRECT ADAPTIVE STEERING

Type		80D23L
20 hour rate capacity	[V – Ah]	12 – 62
Cold cranking current (For reference value)	[A]	582