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SECTION INL

INTERIOR LIGHTING SYSTEM

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PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000012239894

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. Information necessary to service the system safely is included in the SR and SB section of this Service Manual.

WARNING:

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

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

WARNING:

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

Precaution for Work

INFOID:000000012239895

- When removing or disassembling each component, be careful not to damage or deform it. If a component may be subject to interference, be sure to protect it with a shop cloth.
- When removing (disengaging) components with a screwdriver or similar tool, be sure to wrap the component with a shop cloth or vinyl tape to protect it.
- Protect the removed parts with a shop cloth and prevent them from being dropped.
- Replace a deformed or damaged clip.
- If a part is specified as a non-reusable part, always replace it with a new one.
- Be sure to tighten bolts and nuts securely to the specified torque.
- After installation is complete, be sure to check that each part works properly.
- Follow the steps below to clean components:
 - Water soluble dirt:
 - Dip a soft cloth into lukewarm water, wring the water out of the cloth and wipe the dirty area.
 - Then rub with a soft, dry cloth.
 - Oily dirt:
 - Dip a soft cloth into lukewarm water with mild detergent (concentration: within 2 to 3%) and wipe the dirty area.
 - Then dip a cloth into fresh water, wring the water out of the cloth and wipe the detergent off.
 - Then rub with a soft, dry cloth.
 - Do not use organic solvent such as thinner, benzene, alcohol or gasoline.
 - For genuine leather seats, use a genuine leather seat cleaner.

PREPARATION

< PREPARATION >

PREPARATION

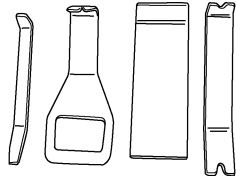
PREPARATION

Special Service Tool

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The actual shape of the tools may differ from those illustrated here.

Tool number (TechMate No.) Tool name	Description
— (J-46534) Trim Tool Set	Removing trim components



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COMPONENT PARTS

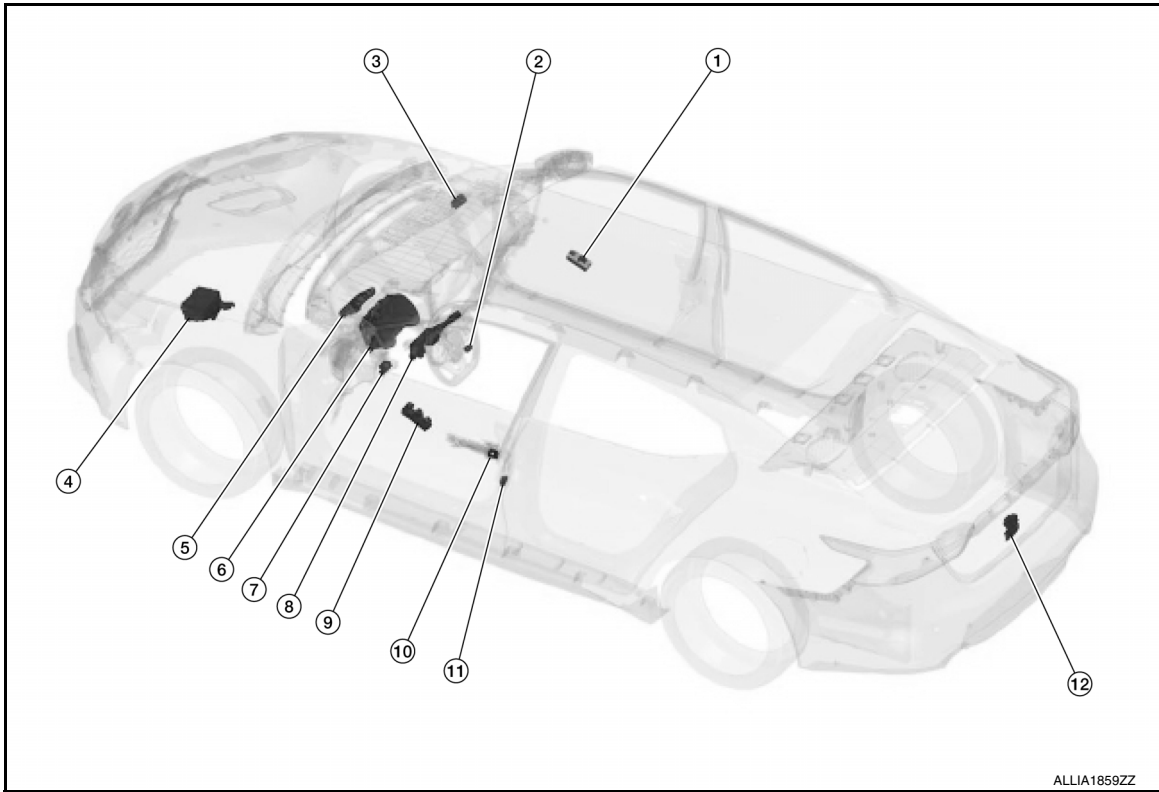
< SYSTEM DESCRIPTION >

SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:0000000012239897



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No.	Component	Function
1.	Power window and door lock/unlock switch RH	Refer to PWC-7, "Power Window and Door Lock/Unlock Switch RH" for detailed installation location.
2.	Push-button ignition switch (push-button ignition switch illumination)	<ul style="list-style-type: none"> Provides ignition switch status to the BCM. Refer to PCS-5, "Component Parts Location" for detailed installation location.
3.	Remote keyless entry receiver	Refer to DLK-15, "Remote Keyless Entry Receiver" for detailed installation location.
4.	IPDM E/R	<ul style="list-style-type: none"> Controls the integrated relay according to the request signal from BCM (via CAN communication). Refer to PCS-5, "Component Parts Location" for detailed installation location.
5.	BCM	<ul style="list-style-type: none"> Activates the interior room lamp timer depending on the vehicle condition to turn the interior room lamps ON/OFF. Operates the interior room lamp battery saver depending on the vehicle condition to turn interior room lamps OFF. Detects each switch condition by the combination switch reading function. Judges the illumination lamp ON/OFF status depending on the vehicle condition. And then transmits request signal to IPDM E/R and combination meter (via CAN communication). Refer to BCS-5, "BODY CONTROL SYSTEM : Component Parts Location" for detailed installation location.
6.	Combination meter	<ul style="list-style-type: none"> Controls the meter illumination according to the request signal from BCM (via CAN communication). Refer to MWI-5, "METER SYSTEM : Component Parts Location" for detailed installation location.
7.	Meter control switch	Refer to MWI-8, "METER SYSTEM : Meter Control Switch" for detailed installation location

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COMPONENT PARTS

< SYSTEM DESCRIPTION >

No.	Component	Function
8.	Combination switch (lighting & turn signal switch)	Refer to BCS-5, "BODY CONTROL SYSTEM : Component Parts Location" for detailed installation location.
9.	Main power window and door lock/unlock switch	Refer to PWC-7, "Main Power Window and Door Lock/Unlock Switch" for detailed installation location.
10.	Front door lock assembly LH (key cylinder switch)	Refer to DLK-17, "Front Door Lock Assembly (LH)" for detailed installation location.
11.	Door switches	Refer to DLK-17, "Front Door Switch" for detailed installation location.
12.	Trunk lamp switch and trunk release solenoid (trunk lamp switch)	Refer to DLK-14, "TRUNK LID OPENER SYSTEM : Component Parts Location" for detailed installation location.

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< SYSTEM DESCRIPTION >

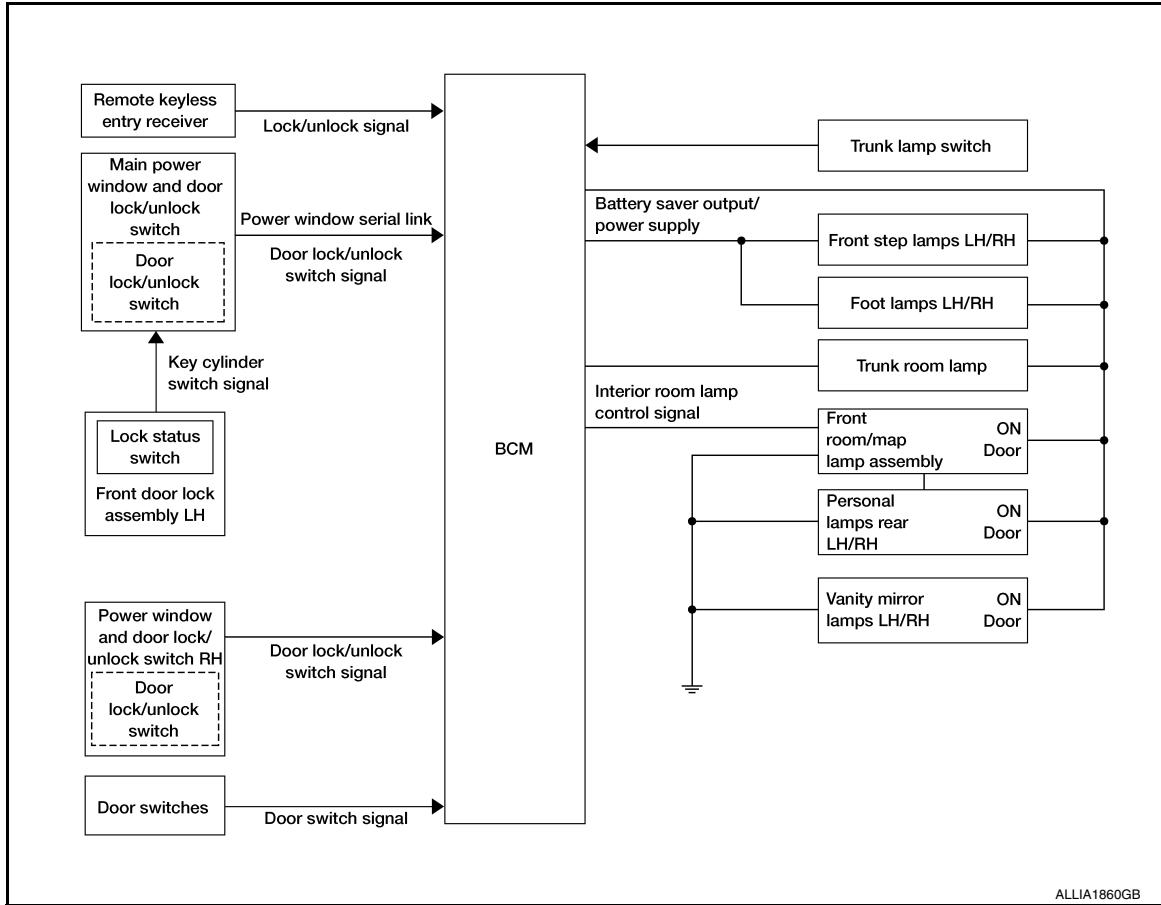
SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM : System Description

INFOID:000000012239898

SYSTEM DIAGRAM



OPERATION DESCRIPTION

- Front room/map lamp assembly, personal lamps 2nd row and luggage room lamp are controlled by the interior room lamp timer control function of the BCM when the lamp switch is in the DOOR position.
- Push-button ignition switch illumination is controlled by the push-button ignition switch illumination control function of BCM.
- Interior room lamps are illuminated by the welcome light function of the Intelligent Key system. Refer to [DLK-21. "INTELLIGENT KEY SYSTEM : System Description"](#).

ROOM LAMP TIMER OPERATION

When the interior room lamp switch is in the DOOR position, the BCM begins timer control (maximum 30 seconds) for interior room lamp ON/OFF when all conditions below are met:

- When the front door LH is unlocked with Intelligent Key system, main power window and door lock/unlock switch or front door lock assembly LH (lock status switch).
- When a door opens → closes.

Timer control is cancelled under the following conditions:

- When the front door LH is locked with Intelligent Key system, main power window and door lock/unlock switch or front door lock assembly LH (lock status switch).
- A door is opened (door switch turns ON).
- Ignition switch is turned ON.

INTERIOR LAMP BATTERY SAVER CONTROL

If an interior lamp is left ON and does not turn OFF, even when the doors are closed, the BCM turns off power to the interior lamps automatically to save the battery, 15 minutes after the ignition switch is turned OFF. The BCM controls power and ground to all interior lamps.

SYSTEM

< SYSTEM DESCRIPTION >

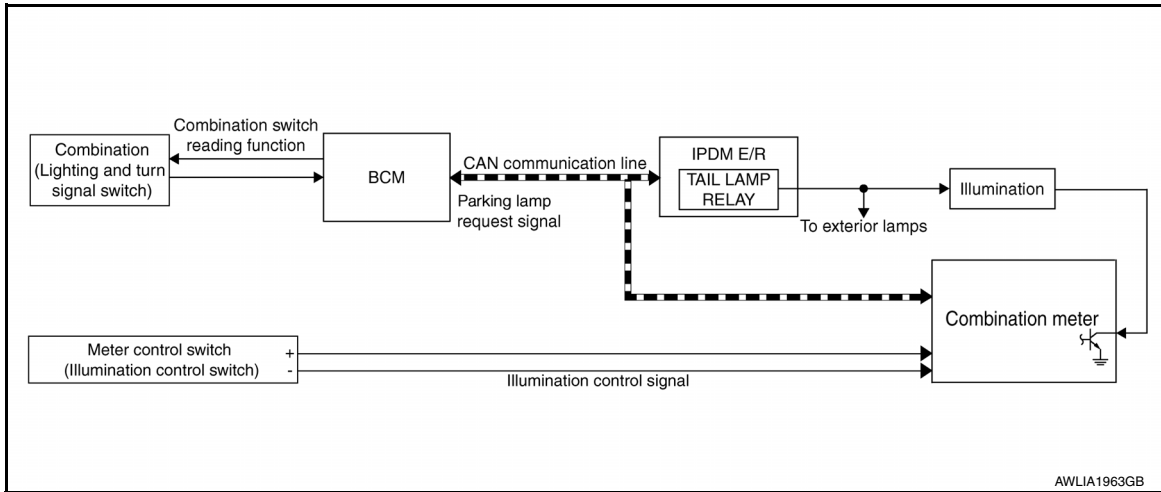
After the battery saver system turns the lamps OFF, the lamps will illuminate again when the following conditions are met:

- A signal is received from an Intelligent Key or main power window and door lock/unlock switch or when the front door lock assembly LH (lock status switch) is locked or unlocked.
- A door is opened or closed.

ILLUMINATION CONTROL SYSTEM

ILLUMINATION CONTROL SYSTEM : System Diagram

INFOID:000000012239899



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ILLUMINATION CONTROL SYSTEM : System Description

INFOID:000000012239900

The illumination lamps operation is dependent upon the position of the combination switch (lighting and turn signal switch). When the combination switch (lighting and turn signal switch) is placed in the 1st or 2nd position (or if the auto light system is activated) the BCM (body control module) receives input requesting the parking lamps to illuminate. This input is communicated to the IPDM E/R (intelligent power distribution module engine room) via the CAN communication lines. The CPU (central processing unit) of the IPDM E/R controls the tail lamp relay coil. When energized, this relay directs power to the parking and illumination lamps, which then illuminate. The illumination brightness can be controlled by the meter control switch (illumination control switch).

BATTERY SAVER CONTROL

When the combination switch (lighting and turn signal switch) is in the 1st or 2nd position and the ignition switch is turned from ON or ACC to OFF, the battery saver control feature is activated. Under this condition, the illumination lamps remain illuminated for 15 minutes unless the combination switch (lighting and turn signal switch) position is changed. If the combination switch (lighting and turn signal switch) position is changed, then the illumination lamps are turned off after a 30 second delay. When the combination switch (lighting and turn signal switch) is turned from OFF to 1st or 2nd position (or if auto light system is activated) after the illumination lamps have been turned off by the battery saver control, the illumination lamps illuminate again.

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (BCM) COMMON ITEM

COMMON ITEM : CONSULT Function (BCM - COMMON ITEM)

INFOID:0000000012250301

APPLICATION ITEM

CONSULT performs the following functions via CAN communication with BCM.

Direct Diagnostic Mode	Description
ECU Identification	The BCM part number is displayed.
Self Diagnostic Result	The BCM self diagnostic results are displayed.
Data Monitor	The BCM input/output data is displayed in real time.
Active Test	The BCM activates outputs to test components.
Work support	The settings for BCM functions can be changed.
Configuration	<ul style="list-style-type: none"> • The vehicle specification can be read and saved. • The vehicle specification can be written when replacing BCM.
CAN Diag Support Mntr	The result of transmit/receive diagnosis of CAN communication is displayed.

SYSTEM APPLICATION

BCM can perform the following functions:

System	Sub System	Direct Diagnostic Mode						
		ECU Identification	Self Diagnostic Result	Data Monitor	Active Test	Work support	Configuration	CAN Diag Support Mntr
Door lock	DOOR LOCK		×	×	×	×		
Rear window defogger	REAR DEFOGGER			×	×	×		
Warning chime	BUZZER			×	×			
Interior room lamp timer	INT LAMP			×	×	×		
Exterior lamp	HEADLAMP			×	×	×		
Wiper and washer	WIPER			×	×	×		
Turn signal and hazard warning lamps	FLASHER			×	×	×		
Air conditioner	AIR CONDITIONER			×				
Intelligent Key system	INTELLIGENT KEY		×	×	×	×		
Combination switch	COMB SW			×				
BCM	BCM	×	×			×	×	×
Immobilizer	IMMU		×	×	×			
Interior room lamp battery saver	BATTERY SAVER			×	×			
Trunk	TRUNK			×				
Vehicle security system	THEFT ALM			×	×	×		
RAP system	RETAINED PWR			×				
Signal buffer system	SIGNAL BUFFER			×	×			
TPMS	AIR PRESSURE MONITOR		×	×	×			

FREEZE FRAME DATA (FFD)

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

The BCM records the following vehicle condition at the time a particular DTC is detected, and displays it on CONSULT.

CONSULT screen item	Indication/Unit	Description
Vehicle Speed	km/h	Vehicle speed at the moment a particular DTC is detected
Odo/Trip Meter	km	Total mileage (Odometer value) at the moment a particular DTC is detected
Vehicle Condition	SLEEP>LOCK	While turning BCM status from low power consumption mode to normal mode (Power supply position is "LOCK"*).
	SLEEP>OFF	While turning BCM status from low power consumption mode to normal mode (Power supply position is "OFF".)
	LOCK>ACC	While turning power supply position from "LOCK"*to "ACC"
	ACC>ON	While turning power supply position from "ACC" to "IGN"
	RUN>ACC	While turning power supply position from "RUN" to "ACC" (Vehicle is stopped and selector lever is in P position.)
	CRANK>RUN	While turning power supply position from "CRANKING" to "RUN" (From cranking up the engine to run it)
	RUN>URGENT	While turning power supply position from "RUN" to "ACC" (Emergency stop operation)
	ACC>OFF	While turning power supply position from "ACC" to "OFF"
	OFF>LOCK	While turning power supply position from "OFF" to "LOCK"*
	OFF>ACC	While turning power supply position from "OFF" to "ACC"
	ON>CRANK	While turning power supply position from "IGN" to "CRANKING"
	OFF>SLEEP	While turning BCM status from normal mode (Power supply position is "OFF".) to low power consumption mode
	LOCK>SLEEP	While turning BCM status from normal mode (Power supply position is "LOCK"*.) to low power consumption mode
	LOCK	Power supply position is "LOCK" (Ignition switch OFF)*
	OFF	Power supply position is "OFF" (Ignition switch OFF)
	ACC	Power supply position is "ACC" (Ignition switch ACC)
	ON	Power supply position is "IGN" (Ignition switch ON with engine stopped)
	ENGINE RUN	Power supply position is "RUN" (Ignition switch ON with engine running)
CRANKING	Power supply position is "CRANKING" (At engine cranking)	
IGN Counter	0 - 39	<p>The number of times that ignition switch is turned ON after DTC is detected</p> <ul style="list-style-type: none"> • The number is 0 when a malfunction is detected now. • The number increases like 1 → 2 → 3...38 → 39 after returning to the normal condition whenever ignition is switched OFF → ON. • The number is fixed to 39 until the self-diagnosis results are erased if it is over 39.

NOTE:

*: Power supply position shifts to "LOCK" from "OFF", when ignition switch is in the OFF position, selector lever is in the P position, and any of the following conditions are met:

- Closing door
- Opening door
- Door is locked using door request switch
- Door is locked using Intelligent Key

The power supply position shifts to "ACC" when the push-button ignition switch (push switch) is pushed at "LOCK".

INT LAMP

INT LAMP : CONSULT Function (BCM - INT LAMP)

INFOID:0000000012250302

DATA MONITOR

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

Monitor Item [Unit]	Description	
REQ SW -DR [On/Off]	Indicates condition of door request switch LH	A
REQ SW -AS [On/Off]	Indicates condition of door request switch RH	B
PUSH -SW [On/Off]	Indicates condition of push button ignition switch	C
UNLK SEN -DR [On/Off]	Indicates condition of door unlock sensor	D
DOOR SW-DR [On/Off]	Indicates condition of front door switch LH	E
DOOR SW-AS [On/Off]	Indicates condition of front door switch RH	F
DOOR SW-RR [On/Off]	Indicates condition of rear door switch RH	G
DOOR SW-RL [On/Off]	Indicates condition of rear door switch LH	H
DOOR SW-BK [On/Off]	Indicates condition of trunk switch	I
CDL LOCK SW [On/Off]	Indicates condition of lock signal from door lock and unlock switch	J
CDL UNLOCK SW [On/Off]	Indicates condition of unlock signal from door lock and unlock switch	K
KEY CYL LK-SW [On/Off]	Indicates condition of lock signal from door key cylinder switch	
KEY CYL UN-SW [On/Off]	Indicates condition of unlock signal from door key cylinder switch	
TRNK/HAT MNTR [ON/OFF]	Indicates condition of trunk room lamp switch	
RKE-LOCK [On/Off]	Indicates condition of lock signal from Intelligent Key	
RKE-UNLOCK [On/Off]	Indicates condition of unlock signal from Intelligent Key	

ACTIVE TEST

Test Item	Description
INT LAMP	This test is able to check interior room lamp operation [On/Off].
STEP LAMP TEST	This test is able to check step lamp operation [On/Off].
CARGO LAMP TEST	This test is able to check cargo lamp operation [On/Off].

WORK SUPPORT

NOTE:

The items listed below are the only applicable Work Support items for this vehicle. If other items are displayed on CONSULT, do not use or change the setting for these other items.

Support Item	Setting	Description
SCENARIO LIGHTING SETTING	On	NOTE: Do not use this function since interior room lamp control is changed.
	Off*	
SET I/L D-UNLCK INTCON	On*	Interior room lamp timer function ON.
	Off	Interior room lamp timer function OFF.
FOG LAMP OVERRIDE	On*	Fog lamp override function ON.
	Off	Fog lamp override function OFF.

* : Initial setting

BATTERY SAVER

BATTERY SAVER : CONSULT Function (BCM - BATTERY SAVER)

INFOID:000000012250303

DATA MONITOR

Monitor Item [Unit]	Description
REQ SW -DR [On/Off]	Indicates condition of door request switch LH
REQ SW -AS [On/Off]	Indicates condition of door request switch RH
PUSH SW [On/Off]	Indicates condition push button ignition switch
UNLK SEN -DR [On/Off]	Indicates condition of door unlock sensor

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

Monitor Item [Unit]	Description
DOOR SW-DR [On/Off]	Indicates condition of front door switch LH
DOOR SW-AS [On/Off]	Indicates condition of front door switch RH
DOOR SW-RR [On/Off]	Indicates condition of rear door switch RH
DOOR SW-RL [On/Off]	Indicates condition of rear door switch LH
DOOR SW-BK [On/Off]	Indicates condition of trunk switch
CDL LOCK SW [On/Off]	Indicates condition of lock signal from door lock and unlock switch
CDL UNLOCK SW [On/Off]	Indicates condition of unlock signal from door lock and unlock switch
KEY CYL LK-SW [On/Off]	Indicates condition of lock signal from door key cylinder switch
KEY CYL UN-SW [On/Off]	Indicates condition of unlock signal from door key cylinder switch
TRNK/HAT MNTR [On/Off]	Indicates condition of trunk room lamp switch
RKE-LOCK [On/Off]	Indicates condition of lock signal from Intelligent Key
RKE-UNLOCK [On/Off]	Indicates condition of unlock signal from Intelligent Key

ACTIVE TEST

Test item	Description
BATTERY SAVER	This test is able to check battery saver operation [On/Off].

BCM

< ECU DIAGNOSIS INFORMATION >

ECU DIAGNOSIS INFORMATION

BCM

List of ECU Reference

INFOID:0000000012239904

ECU	Reference
BCM	BCS-31. "Reference Value"
	BCS-51. "Fail Safe"
	BCS-52. "DTC Inspection Priority Chart"
	BCS-53. "DTC Index"

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INTERIOR ROOM LAMP

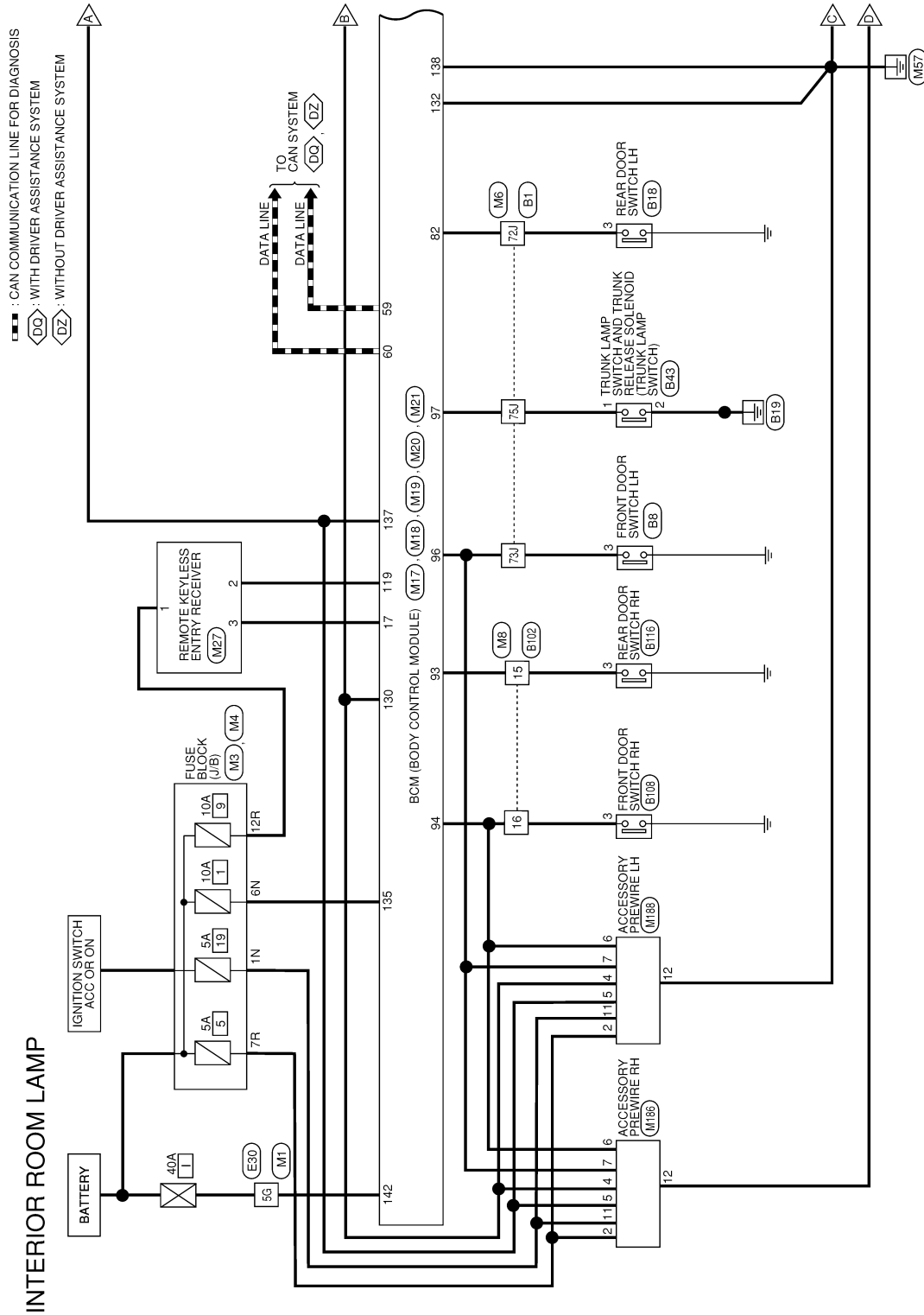
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WIRING DIAGRAM

INTERIOR ROOM LAMP

Wiring Diagram

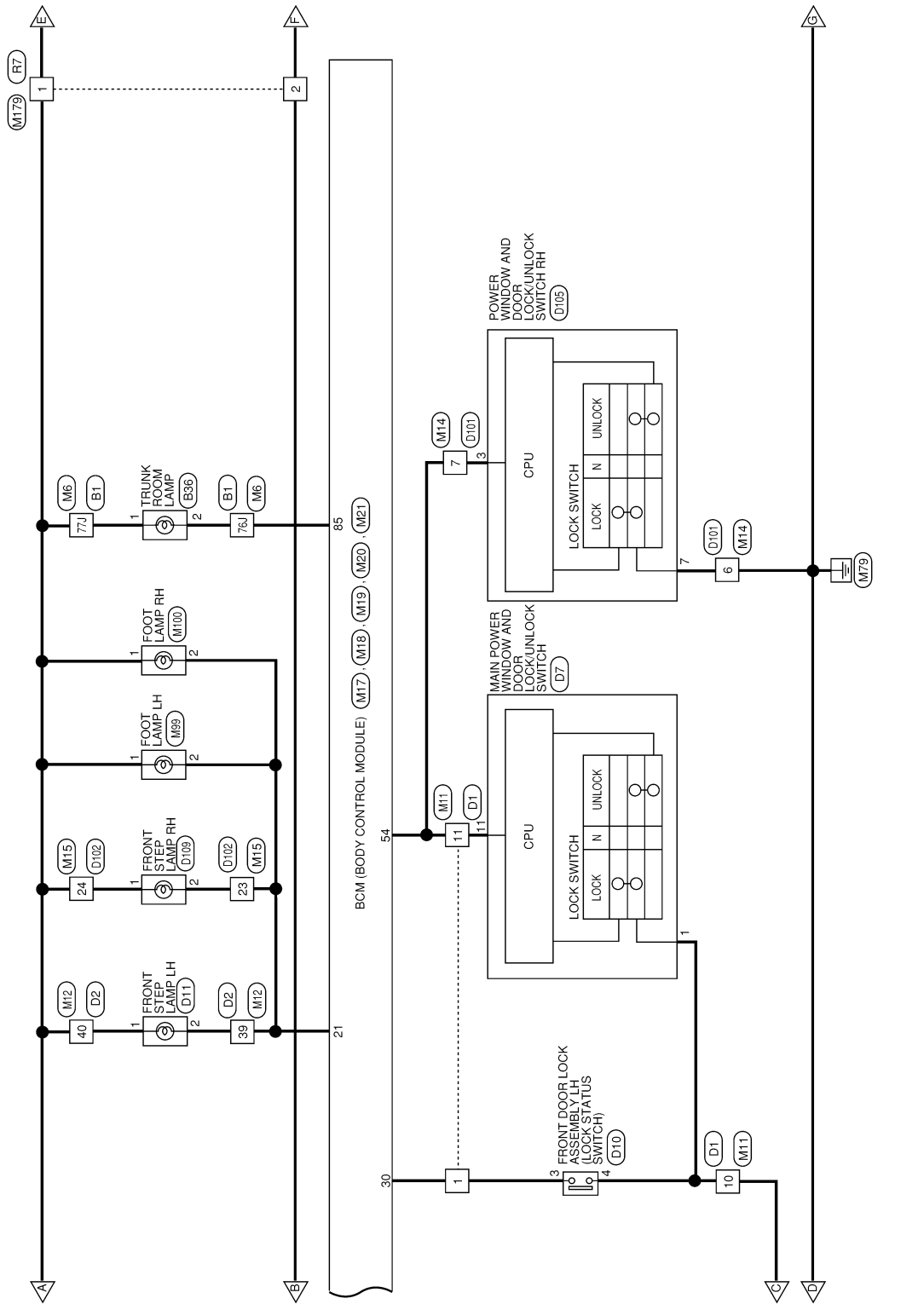
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INTERIOR ROOM LAMP

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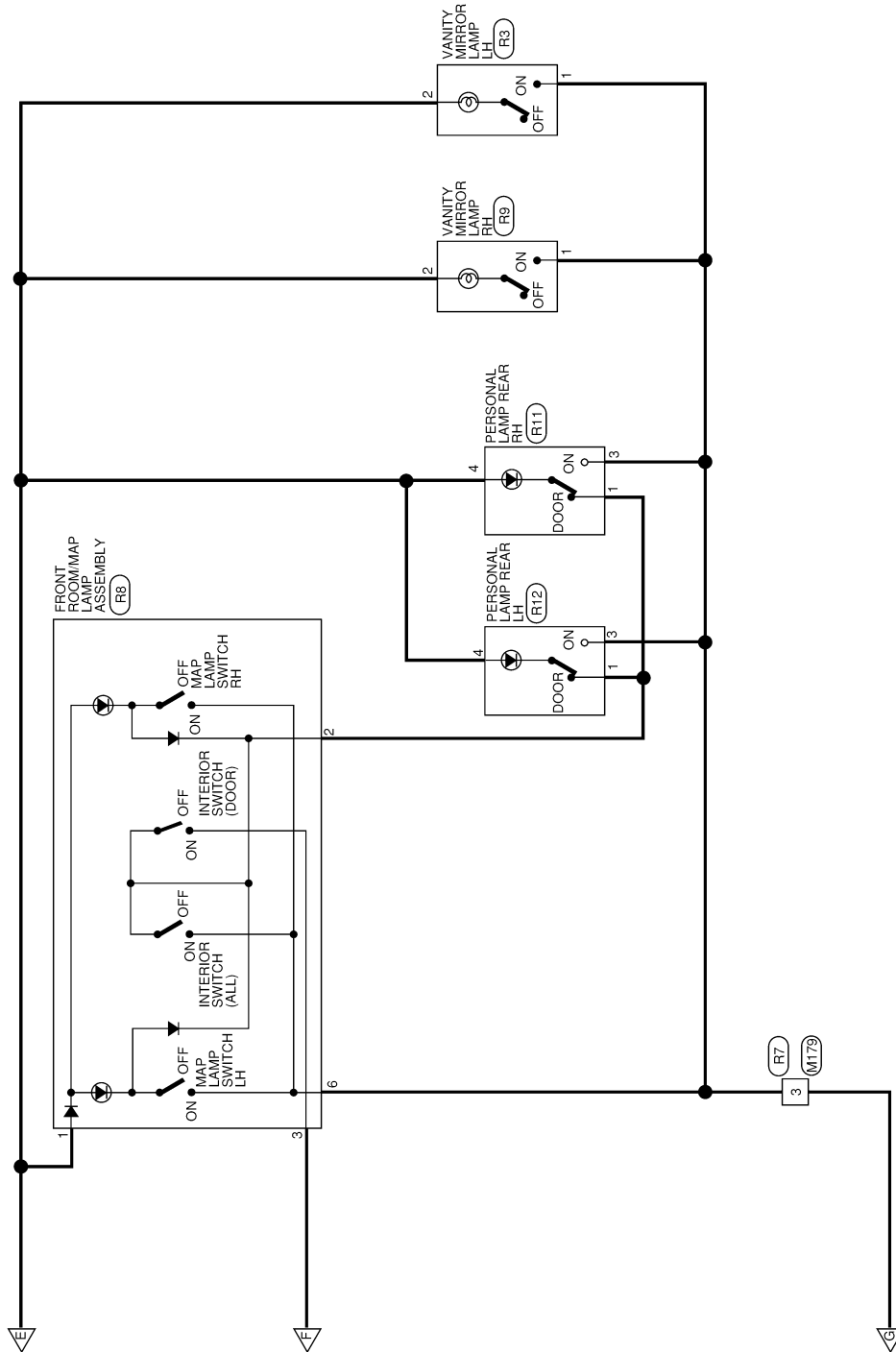
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INTERIOR ROOM LAMP

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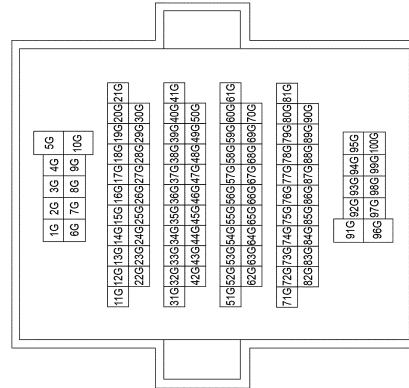
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INTERIOR ROOM LAMP

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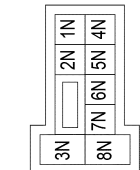
INTERIOR ROOM LAMP CONNECTORS

Connector No.	M1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



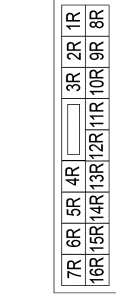
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Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	CS06FW-M2
Connector Color	WHITE



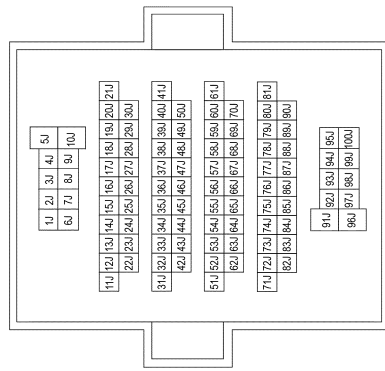
Terminal No.	1N	6N	Color of Wire	BG	LG	Signal Name	-
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Connector No.	M4
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FBR-CS
Connector Color	BROWN



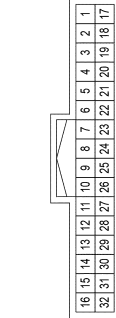
Terminal No.	7R	12R	Color of Wire	G	W	Signal Name	-
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80FDGY-CS16-TM4
Connector Color	GRAY



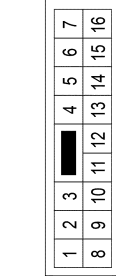
Terminal No.	72J	73J	75J	76J	77J	Color of Wire	Y	P	L	BG	G	Signal Name	-
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Connector No.	M8
Connector Name	WIRE TO WIRE
Connector Type	TH32FW-NH
Connector Color	WHITE



Terminal No.	15	16	Color of Wire	V	W	Signal Name	-
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Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	NS16MM-CS
Connector Color	WHITE



Terminal No.	1	10	11	Color of Wire	P	B	P	Signal Name	-
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INTERIOR ROOM LAMP

< WIRING DIAGRAM >

82	Y	RL DOOR SW
85	BG	TRUNK LAMP CONT
93	V	RR DOOR SW
94	W	AS DOOR SW
96	P	DR DOOR SW
97	L	TRUNK SW

Connector No.	M20
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH
Connector Color	BLACK

60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41
80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61

Terminal No.	Color of Wire	Signal Name
54	P	PW LIN
59	P	CAN-L
60	L	CAN-H

Connector No.	M21
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH
Connector Color	GREEN

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

Terminal No.	Color of Wire	Signal Name
17	B	GND RF-AL
21	W	STEP LAMP CONT
30	P	DR DOOR LOCK STATUS

Connector No.	M17
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHA6-SA
Connector Color	WHITE

129	130	131	132	133	134	135	136	137
138	139	140	141	142	143			

Terminal No.	Color of Wire	Signal Name
130	P	ROOM LAMP CONT
132	B	GND2
135	LG	BAT BCM FUSE
137	G	BATTERY SAVER OUT
138	B	GND1
142	W	BAT-POWER F/L

Connector No.	M18
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH24FB-NH
Connector Color	BLACK

116	115	114	113	112	111	110	109	108	107	106	105
128	127	126	125	124	123	122	121	120	119	118	117

Terminal No.	Color of Wire	Signal Name
119	G	RF-NIMCCO

Connector No.	M19
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH24FGY-NH
Connector Color	GRAY

92	91	90	89	88	87	86	85	84	83	82	81
104	103	102	101	100	99	98	97	96	95	94	93

Terminal No.	Color of Wire	Signal Name
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Connector No.	M12
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH
Connector Color	WHITE

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

Terminal No.	Color of Wire	Signal Name
39	W	-
40	G	-

Connector No.	M14
Connector Name	WIRE TO WIRE
Connector Type	NS10MW-CS
Connector Color	WHITE

1	2	3	4
5	6	7	8
9	10		

Terminal No.	Color of Wire	Signal Name
6	GR	-
7	P	-

Connector No.	M15
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH
Connector Color	WHITE

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

Terminal No.	Color of Wire	Signal Name
23	W	-
24	G	-

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INTERIOR ROOM LAMP

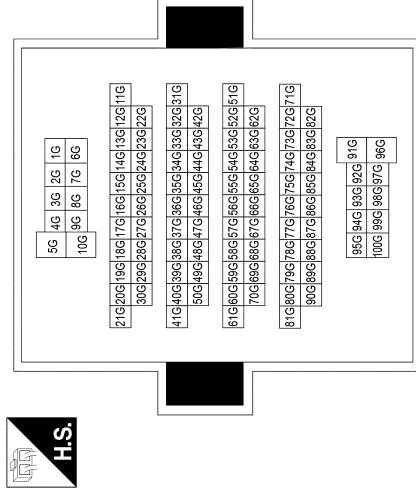
< WIRING DIAGRAM >

Connector No.	M188
Connector Name	ACCESSORY PREWIRE LH
Connector Type	TH12MW-NH
Connector Color	WHITE



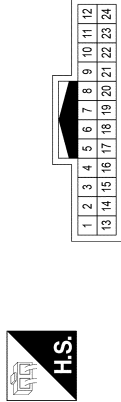
Terminal No.	Color of Wire	Signal Name
2	G	-
4	P	-
5	G	-
6	W	-
7	P	-
11	BG	-
12	B	-

Connector No.	E30
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
5G	P	-

2	W
Connector No.	M179
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	G	-
2	P	-
3	B	-

Connector No.	M186
Connector Name	ACCESSORY PREWIRE RH
Connector Type	TH12MW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
2	G	-
4	P	-
5	G	-
6	W	-
7	P	-
11	BG	-
12	B	-

Connector No.	M27
Connector Name	REMOTE KEYLESS ENTRY RECEIVER
Connector Type	AAC04FB
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	W	-
2	G	-
3	B	-

Connector No.	M99
Connector Name	FOOT LAMP LH
Connector Type	WBS-1006N
Connector Color	BROWN



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

Connector No.	M100
Connector Name	FOOT LAMP RH
Connector Type	WBS-1006N
Connector Color	BROWN



Terminal No.	Color of Wire	Signal Name
1	G	-

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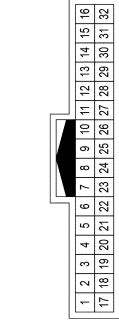
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INTERIOR ROOM LAMP

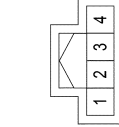
< WIRING DIAGRAM >

Connector No.	B102
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH
Connector Color	WHITE



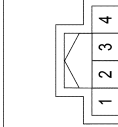
Terminal No.	Color of Wire	Signal Name
15	V	-
16	SB	-

Connector No.	B108
Connector Name	FRONT DOOR SWITCH RH
Connector Type	TH04FW-NH
Connector Color	WHITE



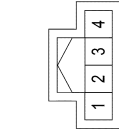
Terminal No.	Color of Wire	Signal Name
3	SB	-

Connector No.	B116
Connector Name	REAR DOOR SWITCH RH
Connector Type	TH04FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
3	V	-

Connector No.	B18
Connector Name	REAR DOOR SWITCH LH
Connector Type	TH04FW-NH
Connector Color	WHITE



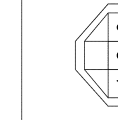
Terminal No.	Color of Wire	Signal Name
3	Y	-

Connector No.	B36
Connector Name	TRUNK ROOM LAMP
Connector Type	S02FW-US
Connector Color	WHITE



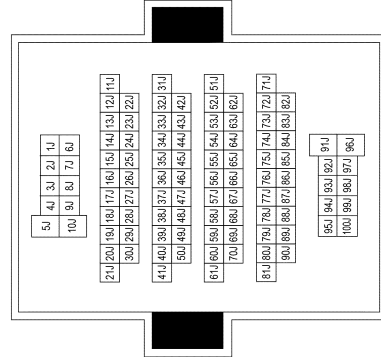
Terminal No.	Color of Wire	Signal Name
1	G	-
2	BG	-

Connector No.	B43
Connector Name	TRUNK LAMP SWITCH AND TRUNK RELEASE SOLENOID ASSEMBLY
Connector Type	TB03FW-LC
Connector Color	WHITE



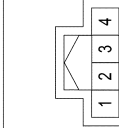
Terminal No.	Color of Wire	Signal Name
1	W	-
2	GR	-

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80MDGY-CS16-TM4
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
72J	Y	-
73J	BR	-
75J	W	-
76J	BG	-
77J	G	-

Connector No.	B8
Connector Name	FRONT DOOR SWITCH LH
Connector Type	TH04FW-NH
Connector Color	WHITE




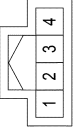
Terminal No.	Color of Wire	Signal Name
3	BR	-

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INTERIOR ROOM LAMP


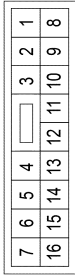
< WIRING DIAGRAM >

Connector No.	R12
Connector Name	PERSONAL LAMP REAR LH
Connector Type	TH04FW-NH
Connector Color	WHITE

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



Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS
Connector Color	WHITE

Terminal No.	Color of Wire	Signal Name
1	W	-
10	B	-
11	P	-


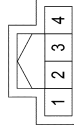
3	R
6	B

Connector No.	R9
Connector Name	VANITY MIRROR LAMP RH
Connector Type	MCA02FW
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	B	-
2	R/W	-

Connector No.	R11
Connector Name	PERSONAL LAMP REAR RH
Connector Type	TH04FW-NH
Connector Color	WHITE


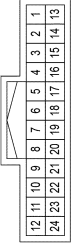
Terminal No.	Color of Wire	Signal Name
1	W/L	-
3	B	-
4	R/W	-

Connector No.	R3
Connector Name	VANITY MIRROR LAMP LH
Connector Type	MCA02FW
Connector Color	WHITE


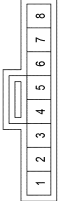
Terminal No.	Color of Wire	Signal Name
1	B	-
2	R/W	-

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH
Connector Color	WHITE

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

Connector No.	R8
Connector Name	FRONT ROOM/MAP LAMP ASSEMBLY
Connector Type	TH08FW-1V-NH
Connector Color	WHITE

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

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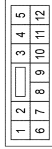
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INTERIOR ROOM LAMP

< WIRING DIAGRAM >

24	W	-
Connector No.	D105	
Connector Name	POWER WINDOW AND DOOR LOCK/ UNLOCK SWITCH RH	
Connector Type	NS12FW-CS	
Connector Color	WHITE	



Terminal No.	Color of Wire	Signal Name
3	P	COM
7	B	GND

Connector No.	D109
Connector Name	FRONT STEP LAMP RH
Connector Type	TK02FW
Connector Color	WHITE



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

4	B	-
Connector No.	D11	
Connector Name	FRONT STEP LAMP LH	
Connector Type	TK02FW	
Connector Color	WHITE	



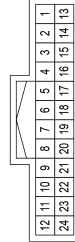
Terminal No.	Color of Wire	Signal Name
1	W	-
2	G	-

Connector No.	D101
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS
Connector Color	WHITE



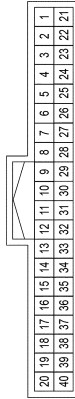
Terminal No.	Color of Wire	Signal Name
6	B	-
7	P	-

Connector No.	D102
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH
Connector Color	WHITE



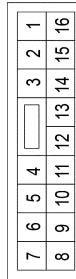
Terminal No.	Color of Wire	Signal Name
23	G	-

Connector No.	D2
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH
Connector Color	WHITE



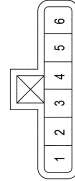
Terminal No.	Color of Wire	Signal Name
39	G	-
40	G	-

Connector No.	D7
Connector Name	MAIN POWER WINDOW AND DOOR LOCK/ UNLOCK SWITCH
Connector Type	NS16FW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	B	GND
11	P	COM

Connector No.	D10
Connector Name	FRONT DOOR LOCK ASSEMBLY LH
Connector Type	E06FGY-RS
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
3	W	-

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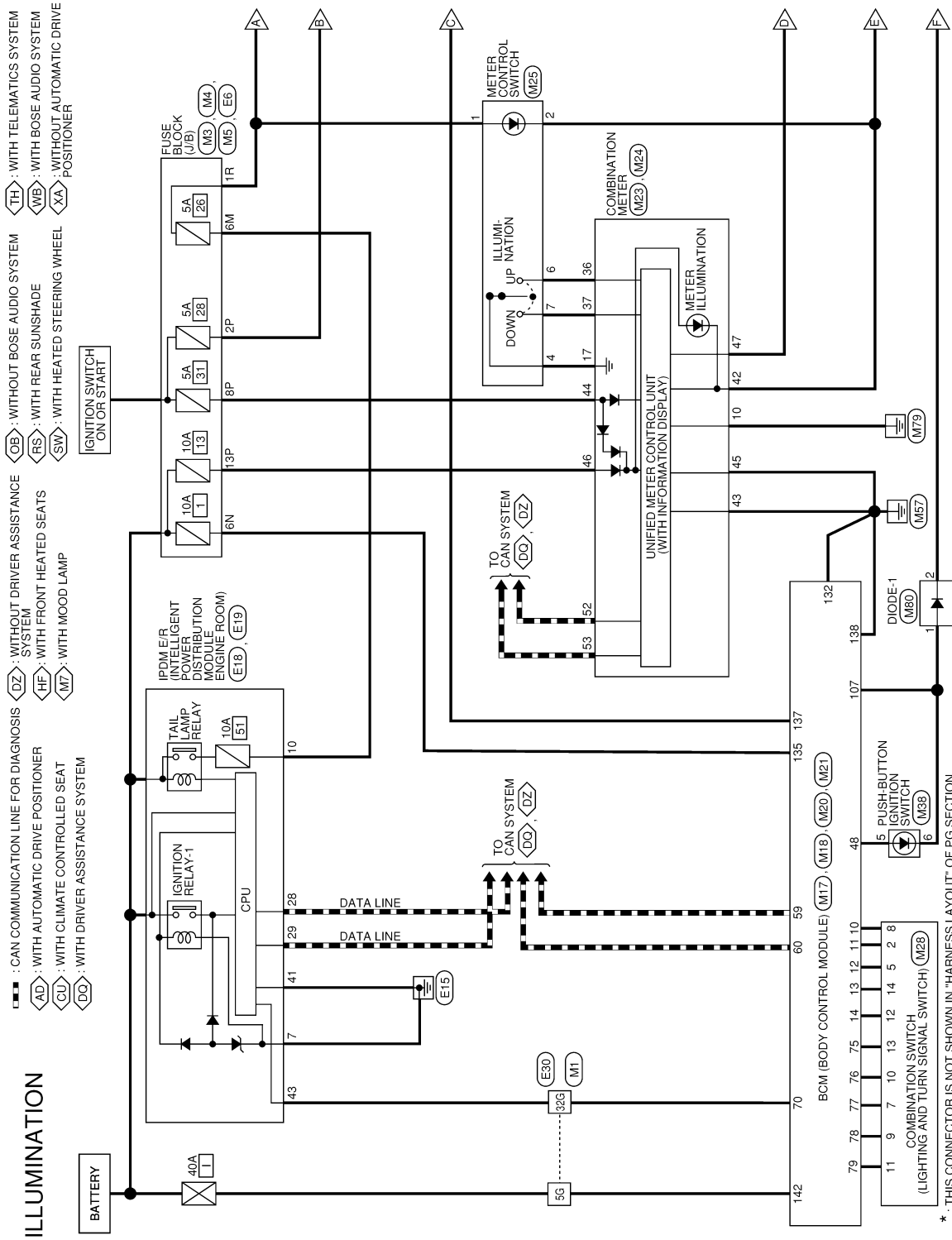
ILLUMINATION

< WIRING DIAGRAM >

ILLUMINATION

Wiring Diagram

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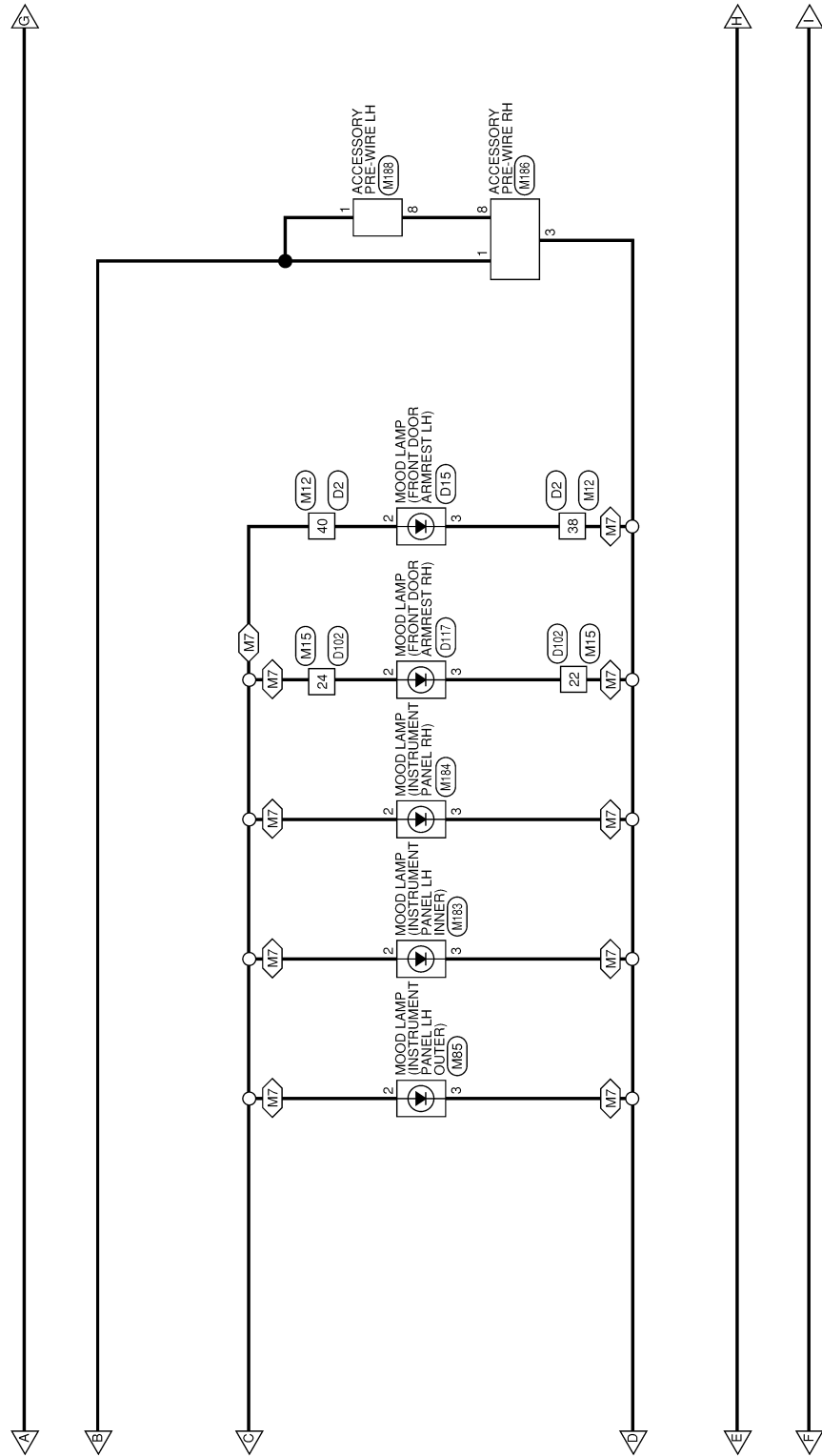
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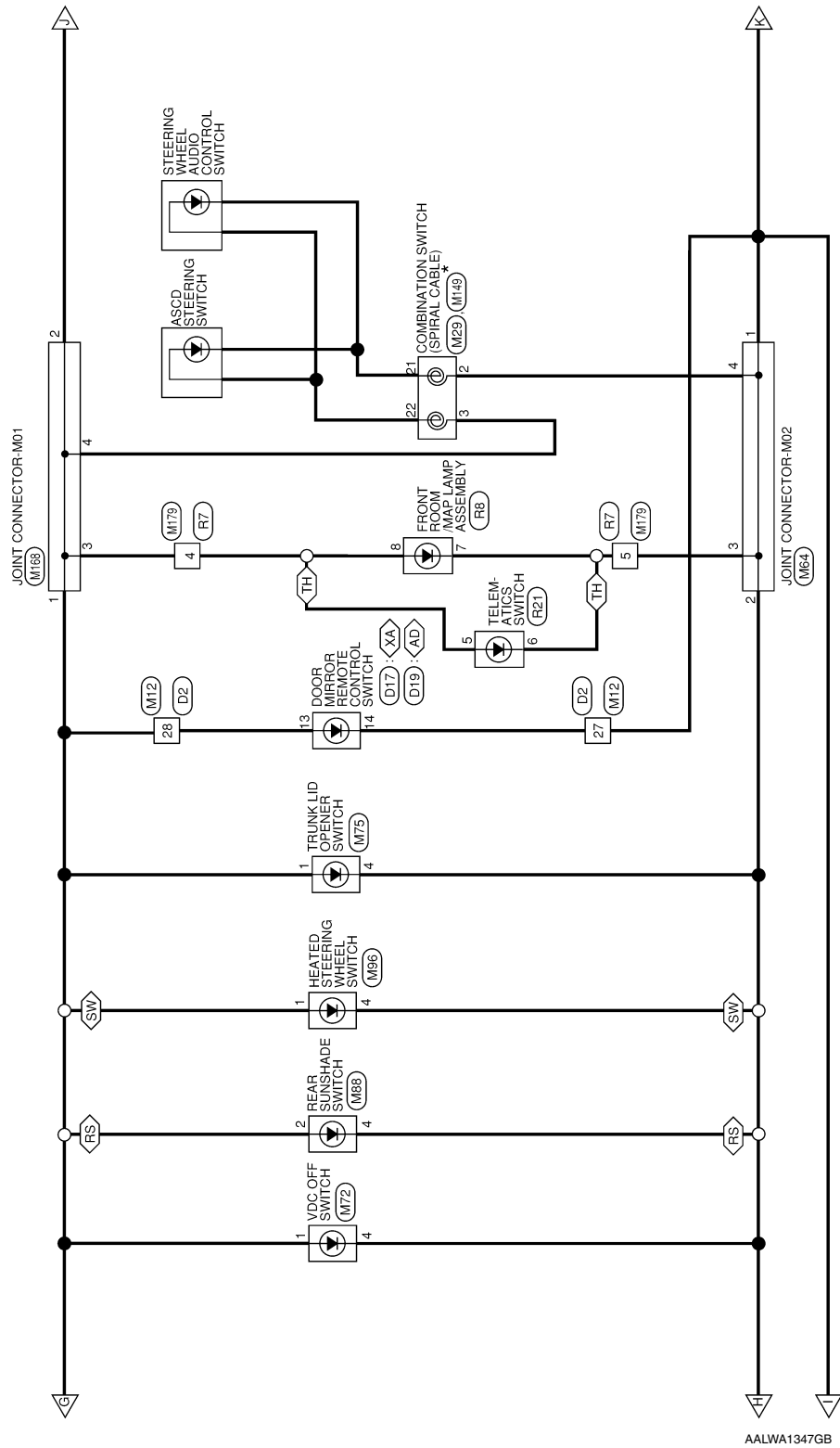
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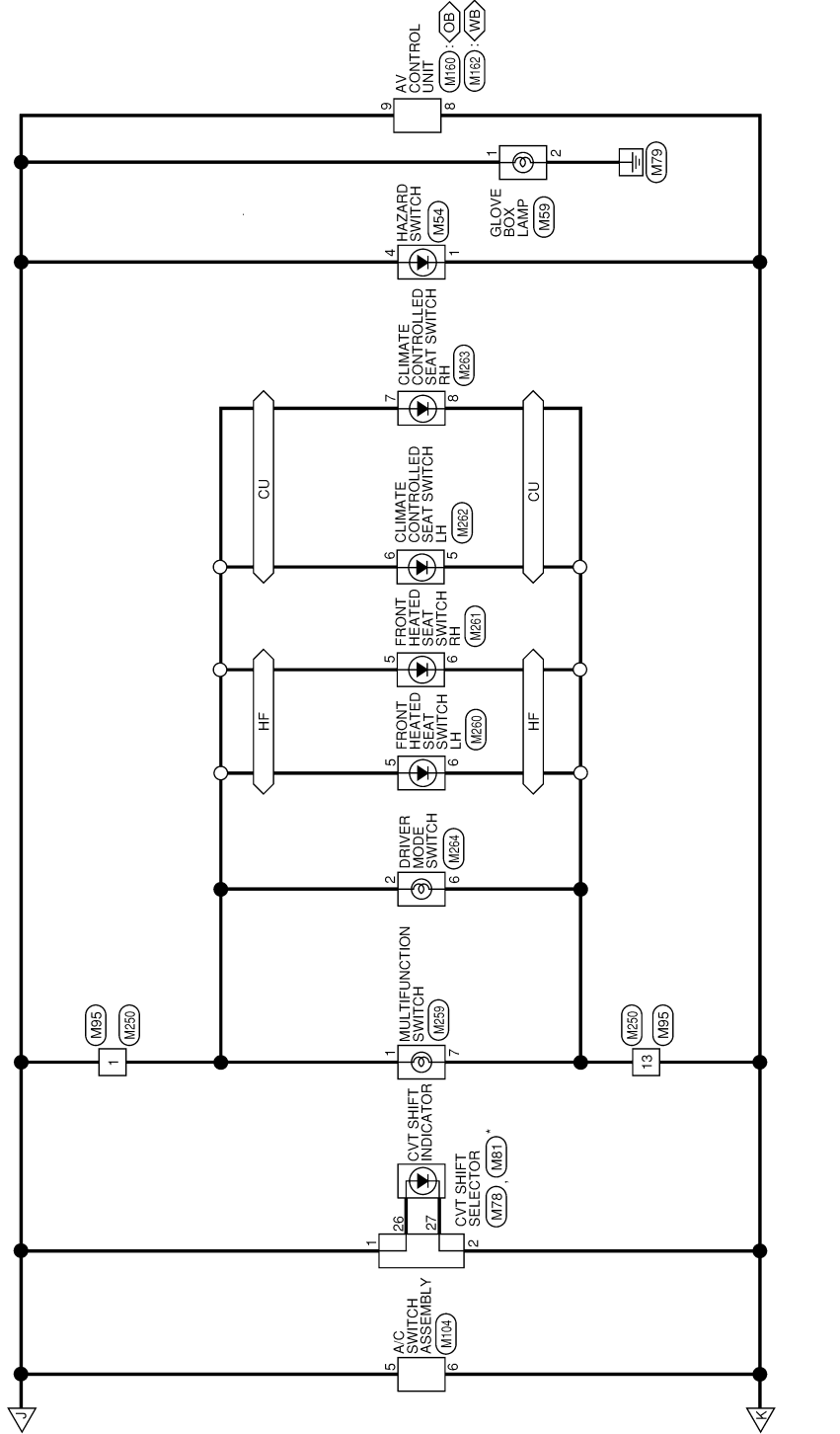


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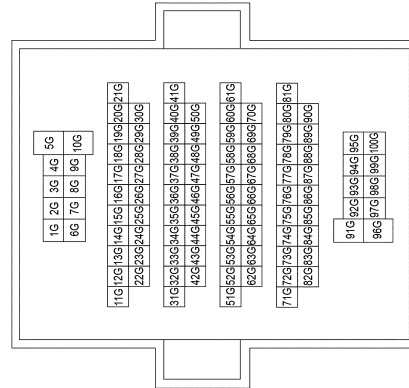
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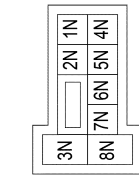
ILLUMINATION CONNECTORS

Connector No.	M1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



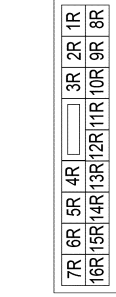
Terminal No.	5G	W	Signal Name	-
	32G	G		-

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	CS06FW-M2
Connector Color	WHITE



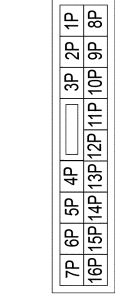
Terminal No.	8N	LG	Signal Name	-
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Connector No.	M4
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FBR-CS
Connector Color	BROWN



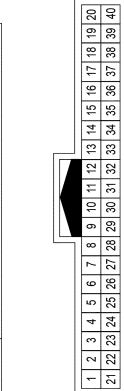
Terminal No.	1R	R	Signal Name	-
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Connector No.	M5
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS
Connector Color	WHITE



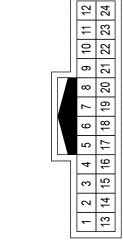
Terminal No.	2P	R	Signal Name	-
	8P	BR		-
	13P	G		-

Connector No.	M12
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH
Connector Color	WHITE



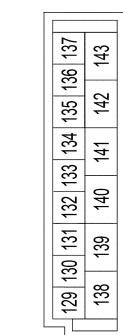
Terminal No.	27	GR	Signal Name	-
	28	R		-

Terminal No.	38	BG	Signal Name	-
	40	G		-



Connector No.	M15
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH
Connector Color	WHITE

Terminal No.	22	BG	Signal Name	-
	24	G		-



Connector No.	M17
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHAG-SA
Connector Color	WHITE

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Connector No.	M18
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH24FB-NH
Connector Color	BLACK

H.S.

116	115	114	113	112	111	110	109	108	107	106	105
128	127	126	125	124	123	122	121	120	119	118	117

Terminal No.	107	Color of Wire	W	Signal Name	LOW SIDE START SW LED
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Connector No.	M20
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH
Connector Color	BLACK

H.S.

60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41
80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61

Terminal No.	48	Color of Wire	SB	Signal Name	HIGH SIDE START SW LED
59	P			CAN-L	
60	L			CAN-H	
70	G			IGN USM OUT 1	
75	BG			COMBI SW OUT 5	
76	W			COMBI SW OUT 4	
77	R			COMBI SW OUT 3	
78	P			COMBI SW OUT 2	
79	G			COMBI SW OUT 1	

Connector No.	M21
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH
Connector Color	GREEN

H.S.

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

Terminal No.	10	Color of Wire	W	Signal Name	COMBI SW IN 5
11	BG			COMBI SW IN 4	
12	R			COMBI SW IN 3	
13	G			COMBI SW IN 2	
14	P			COMBI SW IN 1	

Connector No.	M23
Connector Name	COMBINATION METER
Connector Type	TH16FW-NH
Connector Color	WHITE

H.S.

41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56

Terminal No.	42	Color of Wire	GR	Signal Name	ILL CONT OUT
43	B			GND1	
44	BR			POWER (IGN)	
45	B			GND2	
46	G			POWER (BAT)	
47	BG			INDIRECT ILL CONT OUT	
52	P			CAN-L	
53	L			CAN-H	

Connector No.	M24
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH
Connector Color	WHITE

H.S.

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

Terminal No.	10	Color of Wire	GR	Signal Name	INDIRECT ILLUMINATION SEMI-ACTIVE INPUT
17	G			GND (SATELLITE SW)	
36	Y			ILL UP SW	
37	SB			ILL DOWN SW	

Connector No.	M25
Connector Name	METER CONTROL SWITCH
Connector Type	TH08FW-NH
Connector Color	WHITE

H.S.

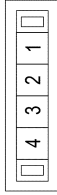
1	2	3	4
5	6	7	8

Terminal No.	1	Color of Wire	R	Signal Name	-
2	B			-	
4	G			-	
6	Y			-	
7	SB			-	

ILLUMINATION

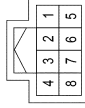
< WIRING DIAGRAM >

Connector No.	M64
Connector Name	JOINT CONNECTOR-M02
Connector Type	TK04FW-J
Connector Color	WHITE



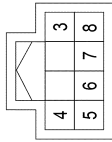
Terminal No.	Color of Wire	Signal Name
1	B	-
2	GR	-
3	B	-
4	B	-

Connector No.	M72
Connector Name	VDC OFF SWITCH
Connector Type	TH08FB-NH
Connector Color	BLACK



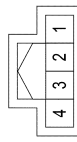
Terminal No.	Color of Wire	Signal Name
1	R	-
4	B	-

Connector No.	M38
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TH08FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
5	SB	-
6	W	-

Connector No.	M54
Connector Name	HAZARD SWITCH
Connector Type	TH04FW-NH
Connector Color	WHITE



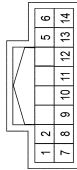
Terminal No.	Color of Wire	Signal Name
1	GR	-
4	R	-

Connector No.	M59
Connector Name	GLOVE BOX LAMP
Connector Type	A02FW
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	R	-
2	GR	-

Connector No.	M28
Connector Name	COMBINATION SWITCH (LIGHTING AND TURN SIGNAL SWITCH)
Connector Type	TH16FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
2	BG	-
5	R	-
7	R	-
8	W	-
9	P	-
10	W	-
11	G	-
12	P	-
13	BG	-
14	G	-

Connector No.	M29
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06FY-EX-1V
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
2	B	-
3	R	-

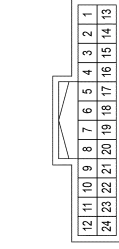
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ILLUMINATION

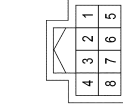
< WIRING DIAGRAM >

4	GR	-
Connector No.	M95	
Connector Name	WIRE TO WIRE	
Connector Type	TH24FW-NH	
Connector Color	WHITE	



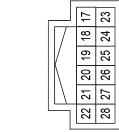
Terminal No.	Color of Wire	Signal Name
1	R	-
13	GR	-

Connector No.	M96
Connector Name	HEATED STEERING WHEEL SWITCH
Connector Type	TH08FL-NH
Connector Color	BLUE



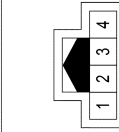
Terminal No.	Color of Wire	Signal Name
1	R	-
4	GR	-

Connector No.	M81
Connector Name	CVT SHIFT SELECTOR
Connector Type	TH12FW-NH
Connector Color	WHITE



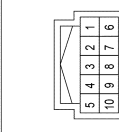
Terminal No.	Color of Wire	Signal Name
26	R	-
27	B	-

Connector No.	M85
Connector Name	MOOD LAMP (INSTRUMENT PANEL LH OUTER)
Connector Type	TH04MW-NH
Connector Color	WHITE



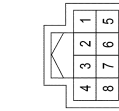
Terminal No.	Color of Wire	Signal Name
2	G	-
3	BG	-

Connector No.	M88
Connector Name	REAR SUNSHADE SWITCH
Connector Type	TH10FB-NH
Connector Color	BLACK



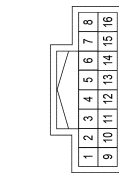
Terminal No.	Color of Wire	Signal Name
2	R	-

Connector No.	M75
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TH08FG-NH
Connector Color	GREEN



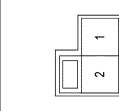
Terminal No.	Color of Wire	Signal Name
1	R	-
4	B	-

Connector No.	M78
Connector Name	CVT SHIFT SELECTOR
Connector Type	TH16FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	R	-
2	GR	-

Connector No.	M80
Connector Name	DIODE-1
Connector Type	24335 C9902
Connector Color	BLACK



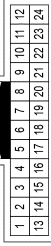
Terminal No.	Color of Wire	Signal Name
1	W	-
2	B	-

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ILLUMINATION

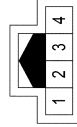
< WIRING DIAGRAM >

Connector No.	M179
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH
Connector Color	WHITE



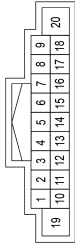
Terminal No.	Color of Wire	Signal Name
4	R	-
5	B	-

Connector No.	M183
Connector Name	MOOD LAMP (INSTRUMENT PANEL LH INNER)
Connector Type	TH04MW-NH
Connector Color	WHITE



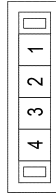
Terminal No.	Color of Wire	Signal Name
2	G	-
3	BG	-

9	R	ILL+*
Connector No.	M182	
Connector Name	AV CONTROL UNIT (WITH BOSE AUDIO SYSTEM)	
Connector Type	NH18FW-CS2	
Connector Color	WHITE	



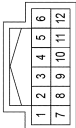
Terminal No.	Color of Wire	Signal Name
8	GR	ILL+*
9	R	ILL+*

Connector No.	M188
Connector Name	JOINT CONNECTOR-M01
Connector Type	TK04FW-J
Connector Color	WHITE



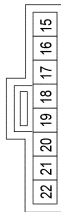
Terminal No.	Color of Wire	Signal Name
1	R	-
2	R	-
3	R	-
4	R	-

Connector No.	M104
Connector Name	A/C SWITCH ASSEMBLY
Connector Type	TH12FW-NH
Connector Color	WHITE



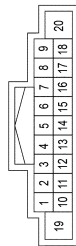
Terminal No.	Color of Wire	Signal Name
5	R	-
6	GR	-

Connector No.	M149
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY-X
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
21	B	-
22	R	-

Connector No.	M160
Connector Name	AV CONTROL UNIT (WITHOUT BOSE AUDIO SYSTEM)
Connector Type	NH18FW-CS2
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
8	GR	ILL_CONT

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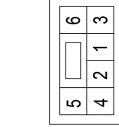
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ILLUMINATION

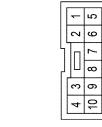
< WIRING DIAGRAM >

6	GR	-
Connector No.	M261	
Connector Name	FRONT HEATED SEAT SWITCH RH	
Connector Type	NS06FBR-CS	
Connector Color	BROWN	



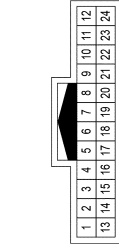
Terminal No.	Color of Wire	Signal Name
5	R	-
6	GR	-

Connector No.	M262
Connector Name	CLIMATE CONTROLLED SEAT SWITCH LH
Connector Type	TK10FW
Connector Color	WHITE



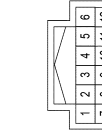
Terminal No.	Color of Wire	Signal Name
5	GR	-
6	R	-

8	W	-
Connector No.	M250	
Connector Name	WIRE TO WIRE	
Connector Type	TH24MW-NH	
Connector Color	WHITE	



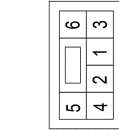
Terminal No.	Color of Wire	Signal Name
1	R	-
13	GR	-

Connector No.	M259
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH12FW-NH
Connector Color	WHITE



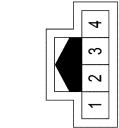
Terminal No.	Color of Wire	Signal Name
1	R	-
7	GR	-

Connector No.	M260
Connector Name	FRONT HEATED SEAT SWITCH LH
Connector Type	NS06FW-CS
Connector Color	WHITE



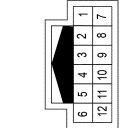
Terminal No.	Color of Wire	Signal Name
5	R	-

Connector No.	M184
Connector Name	MOOD LAMP (INSTRUMENT PANEL RH)
Connector Type	TH04MW-NH
Connector Color	WHITE



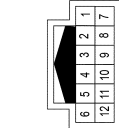
Terminal No.	Color of Wire	Signal Name
2	G	-
3	BG	-

Connector No.	M186
Connector Name	ACCESSORY PREWIRE RH
Connector Type	TH12MW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	R	-
3	BG	-
8	W	-

Connector No.	M188
Connector Name	ACCESSORY PREWIRE LH
Connector Type	TH12MW-NH
Connector Color	WHITE



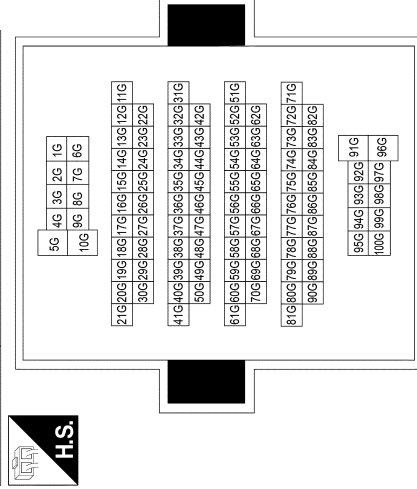
Terminal No.	Color of Wire	Signal Name
1	R	-

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ILLUMINATION

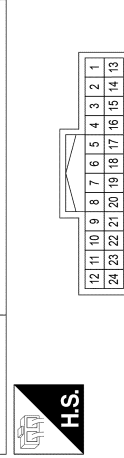
< WIRING DIAGRAM >

Connector No.	E30
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS16-TM4
Connector Color	WHITE



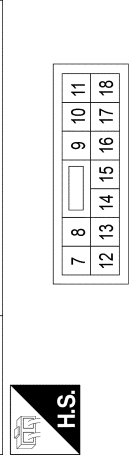
Terminal No.	5G	32G
Color of Wire	P	LG
Signal Name	-	-

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH24FM-NH
Connector Color	WHITE



Terminal No.	4	5
Color of Wire	P	GR
Signal Name	-	-

Connector No.	E18
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS12FW-CS
Connector Color	WHITE



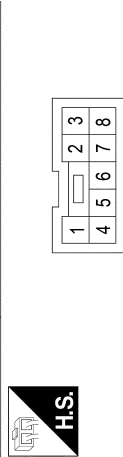
Terminal No.	7	10
Color of Wire	B	V
Signal Name	P-GND	TALL LH

Connector No.	E19
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH32FW-NH
Connector Color	WHITE



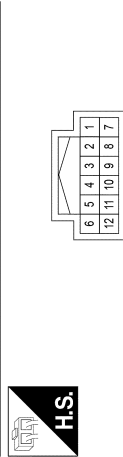
Terminal No.	28	29	41	43
Color of Wire	P	L	B	LG
Signal Name	CAN-L	CAN-H	S-GND	IGN SIGNAL

Connector No.	M263
Connector Name	CLIMATE CONTROLLED SEAT SWITCH RH
Connector Type	TK08FBR
Connector Color	BROWN



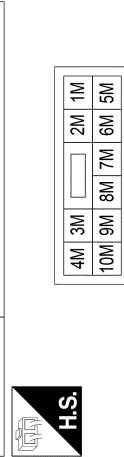
Terminal No.	7	8
Color of Wire	R	GR
Signal Name	-	-

Connector No.	M264
Connector Name	DRIVE MODE SELECTOR
Connector Type	TH12FGY-NH
Connector Color	GRAY



Terminal No.	2	6
Color of Wire	R	GR
Signal Name	-	-

Connector No.	E6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS
Connector Color	WHITE



Terminal No.	6M
Color of Wire	V
Signal Name	-

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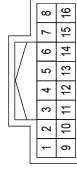
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ILLUMINATION

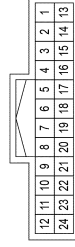
< WIRING DIAGRAM >

Connector No.	D19
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)
Connector Type	TH16FGY-NH
Connector Color	GRAY



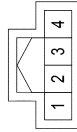
Terminal No.	Color of Wire	Signal Name
13	R	-
14	BG	-

Connector No.	D102
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH
Connector Color	WHITE



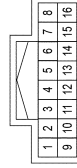
Terminal No.	Color of Wire	Signal Name
22	BG	-
24	W	-

40	G	-
Connector No.	D15	
Connector Name	MOOD LAMP (FRONT DOOR ARM REST LH)	
Connector Type	TH04FW-NH	
Connector Color	WHITE	



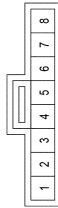
Terminal No.	Color of Wire	Signal Name
2	G	-
3	P	-

Connector No.	D17
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	TH16FB-NH
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
13	R	-
14	BG	-

Connector No.	R8
Connector Name	FRONT ROOM/MP LAMP ASSEMBLY
Connector Type	TH08FW-1V-NH
Connector Color	WHITE



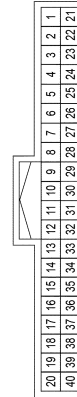
Terminal No.	Color of Wire	Signal Name
7	GR	-
8	P	-

Connector No.	R21
Connector Name	TELEMATICS SWITCH
Connector Type	TH08FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
5	P	-
6	GR	-

Connector No.	D2
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
27	BG	-
28	R	-
38	P	-

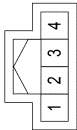
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ILLUMINATION

< WIRING DIAGRAM >

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Connector No.	D117
Connector Name	MOOD LAMP (FRONT DOOR ARM REST (RH))
Connector Type	TH04FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
2	W	-
3	BG	-

AALIA4028GB

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

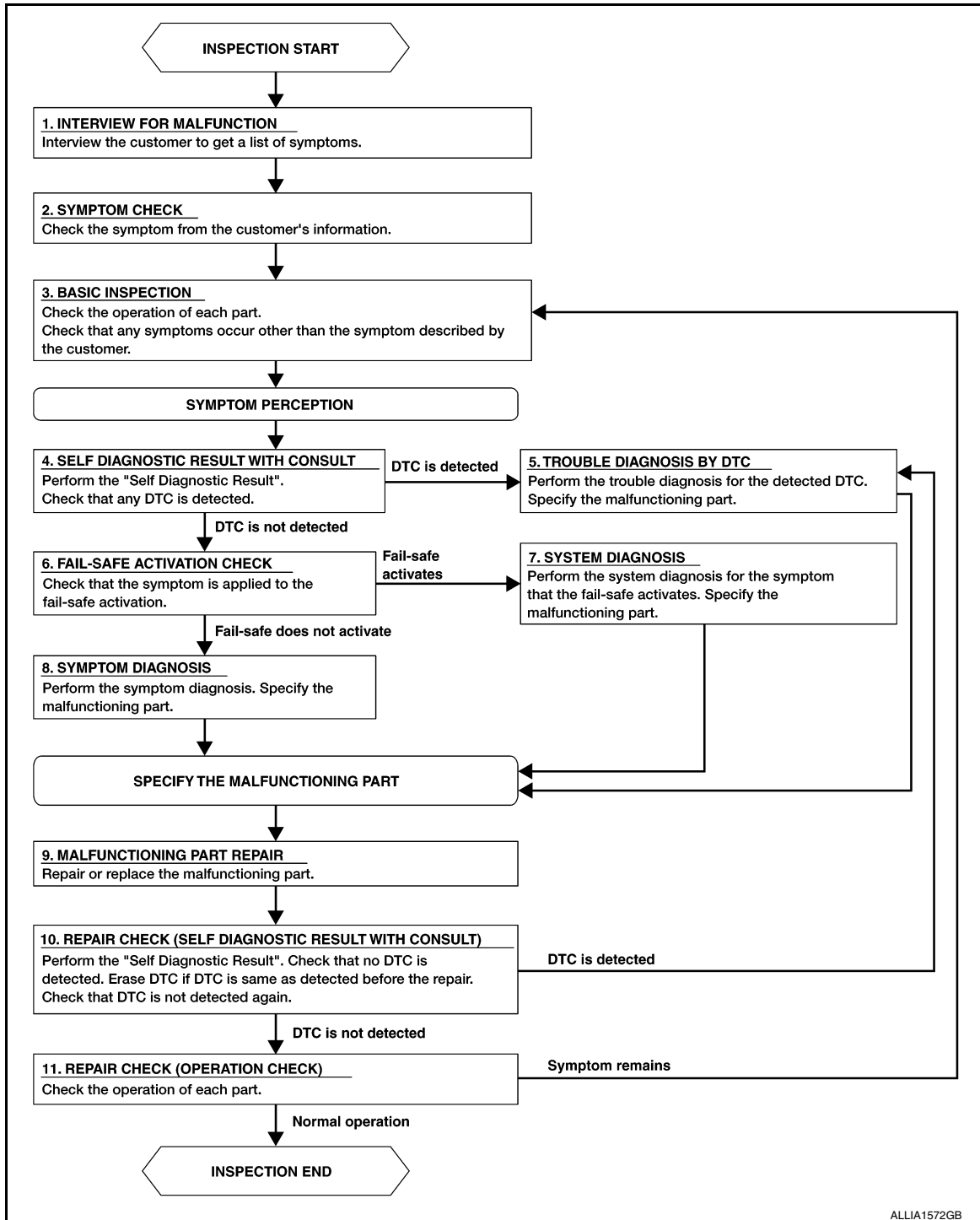
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000012250304

OVERALL SEQUENCE



ALLIA1572GB

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

DETAILED FLOW

1. INTERVIEW FOR MALFUNCTION

Find out what the customer's concerns are.

>> GO TO 2.

2. SYMPTOM CHECK

Verify the symptom from the customer's information.

>> GO TO 3.

3. BASIC INSPECTION

Check the operation of each part. Check that any concerns occur other than those mentioned in the customer interview.

>> GO TO 4.

4. SELF DIAGNOSTIC RESULT WITH CONSULT

Perform the "Self Diagnostic Result". Check that any DTC is detected.

Is any DTC detected?

YES >> GO TO 5.

NO >> GO TO 6.

5. TROUBLE DIAGNOSIS BY DTC

Perform the trouble diagnosis for the detected DTC. Specify the malfunctioning part.

>> GO TO 9.

6. FAIL-SAFE ACTIVATION CHECK

Determine if the customer's concern is related to fail-safe activation.

Does the fail-safe activate?

YES >> GO TO 7.

NO >> GO TO 8.

7. SYSTEM DIAGNOSIS

Perform the system diagnosis for the system in which the fail-safe activates. Specify the malfunctioning part.

>> GO TO 9.

8. SYMPTOM DIAGNOSIS

Perform the symptom diagnosis, refer to [INL-49, "Symptom Table"](#). Specify the malfunctioning part.

>> GO TO 9.

9. MALFUNCTION PART REPAIR

Repair or replace the malfunctioning part.

>> GO TO 10.

10. REPAIR CHECK (SELF-DIAGNOSTIC RESULT WITH CONSULT)

Perform the "Self Diagnostic Result". Verify that no DTCs are detected. Erase all DTCs detected prior to the repair. Verify that DTC is not detected again.

Is any DTC detected?

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

YES >> GO TO 5.
NO >> GO TO 11.

11. REPAIR CHECK (OPERATION CHECK)

Check the operation of each part.

Does it operate normally?

YES >> Inspection End.
NO >> GO TO 3.

INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

Component Function Check

INFOID:000000012239908

1. CHECK INTERIOR ROOM LAMP POWER SUPPLY FUNCTION

CONSULT

- Turn ignition switch ON.
- Turn each interior room lamp ON:
 - Personal lamps rear
 - Front room/map lamp assembly
 - Trunk room lamp
 - Foot lamps
 - Front step lamps
 - Vanity mirror lamps
- Select "BATTERY SAVER" in "Active Test" mode of "BCM".
- While operating the test items, check that each interior room lamp turns ON/OFF.

Off : Interior room lamp ON

On : Interior room lamp OFF

Does the interior room lamp turn ON/OFF?

YES >> Interior room lamp power supply circuit is normal.

NO >> Refer to [INL-39, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012239909

1. CHECK INTERIOR ROOM LAMP POWER SUPPLY OUTPUT

CONSULT

- Turn ignition switch OFF.
- Disconnect the following connectors:
 - Personal lamps rear
 - Front room/map lamp assembly
 - Trunk room lamp
 - Foot lamps
 - Front step lamps
 - Vanity mirror lamps
- Turn ignition switch ON.
- Select "BATTERY SAVER" in "Active Test" mode of "BCM".
- While operating the test item, check voltage between BCM harness connector and ground.

BCM		(-)	Test item	Voltage (Approx.)	
(+) Connector					
Terminal					
M17	137	Ground	BATTERY SAVER	Off On	Battery voltage 0 V

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace BCM. Refer to [BCS-82, "Removal and Installation"](#).

2. CHECK INTERIOR ROOM LAMP POWER SUPPLY OPEN CIRCUIT

- Turn ignition switch OFF.
- Disconnect the BCM connector.
- Check continuity between BCM harness connector and each interior room lamp harness connector.

INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

BCM		Each interior room lamp			Continuity
Connector	Terminal	Connector		Terminal	
M17	137	Front room/map lamp assembly	R8	1	Yes
		Trunk room lamp	B36		
		Foot lamp LH	M99		
		Foot lamp RH	M100		
		Front step lamp LH	D11		
		Front step lamp RH	D109	2	
		Vanity mirror lamp LH	R3		
		Vanity mirror lamp RH	R9		
		Personal lamp rear LH	R12	4	
		Personal lamp rear RH	R11		

Is the inspection result normal?

- YES >> Check intermittent incident. Refer to [GI-41. "Intermittent Incident"](#).
- NO >> Repair or replace harnesses.

INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

INTERIOR ROOM LAMP CONTROL CIRCUIT

Component Function Check

INFOID:000000012239910

CAUTION:

Before performing the diagnosis, check that the following are normal:

- Battery saver output/power supply
- Front room/map lamp assembly bulbs
- Personal lamps rear bulbs
- Vanity mirror lamp LH/RH bulbs

1. CHECK INTERIOR ROOM LAMP CONTROL FUNCTION

CONSULT

1. Set the front room/map lamp assembly switch, personal lamps rear switch and vanity mirror lamps switch to DOOR:
2. Turn ignition switch ON.
3. Select "INT LAMP" in "Active Test" mode of "BCM".
4. While operating the test item, check that each interior room lamp turn ON/OFF.

On : Interior room lamp On

Off : Interior room lamp Off

Does the interior room lamp turn ON/OFF?

YES >> Interior room lamp control circuit is normal.

NO >> Refer to [INL-41, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012239911

Regarding Wiring Diagram information, refer to [INL-14, "Wiring Diagram"](#).

1. CHECK INTERIOR ROOM LAMP CONTROL OUTPUT

CONSULT

1. Turn ignition switch ON.
2. Select "INT LAMP" in "Active Test" mode of "BCM".
3. While operating the test item, check voltage between BCM harness connector and ground.

BCM		Ground	Test item		Voltage (Approx.)
Connector	Terminal		INT LAMP		
M17	130			On	0V
			Off	Battery voltage	

Is the inspection result normal?

YES >> Interior room lamp control circuit is operating normally.

Fixed ON>>GO TO 3.

Fixed OFF>>GO TO 2.

2. CHECK INTERIOR ROOM LAMP CONTROL OPEN CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect BCM harness connector and front room/map lamp assembly harness connector.
3. Check continuity between BCM harness connector and front room/map lamp assembly harness connector.

BCM		Front room/map lamp assembly		Continuity
Connector	Terminal	Connector	Terminal	
M17	130	R8	3	Yes

4. Disconnect the personal lamps 2nd row harness connector.

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INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

5. Check continuity between front room/map lamp assembly connector and personal lamps rear harness connector.

Front room/map lamp assembly		Personal lamps rear		Continuity
Connector	Terminal	Connector	Terminal	
R8	2	R12 (LH)	1	Yes
		R11 (RH)		

Is the inspection result normal?

YES >> Check interior room lamps for an open. If open is found, replace lamp in question. Refer to [INL-50. "Removal and Installation"](#) for front room/map lamp assembly or [INL-50. "Removal and Installation"](#) for personal lamps rear. If OK, replace BCM. Refer to [BCS-82. "Removal and Installation"](#).

NO >> Repair or replace harness or connectors.

3. CHECK INTERIOR ROOM LAMP CONTROL SHORT CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect BCM harness connector and front room/map lamp harness connector.
3. Check continuity between BCM harness connector and ground.

BCM		Ground	Continuity
Connector	Terminal		
M17	130		No

Is the inspection result normal?

YES >> Check interior room lamps for a short circuit. If short is found, replace lamp in question. Refer to [INL-50. "Removal and Installation"](#) or [INL-50. "Removal and Installation"](#). If OK, replace BCM. Refer to [BCS-82. "Removal and Installation"](#).

NO >> Repair or replace harness or connectors.

TRUNK ROOM LAMP

< DTC/CIRCUIT DIAGNOSIS >

TRUNK ROOM LAMP

Component Function Check

INFOID:000000012239912

NOTE:

Before performing the diagnosis, check that the following is normal.

- Interior room lamp power supply
- Trunk room lamp bulb

1. CHECK TRUNK ROOM LAMP OPERATION

CONSULT

1. Turn ignition switch ON.
2. Select "TRUNK/LUGGAGE LAMP TEST" in "Active Test" mode of "BCM".
3. While operating the test items, check that trunk room lamp turns ON/OFF.

On : Trunk room lamp ON

Off : Trunk room lamp OFF

Does the trunk room lamp turn ON/OFF?

- YES >> Trunk room lamp circuit is normal.
NO >> Refer to [INL-43, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012239913

1. CHECK TRUNK ROOM LAMP OUTPUT

1. Turn ignition switch OFF.
2. Disconnect trunk room lamp connector.
3. Check continuity between BCM harness connector and ground.

BCM		Ground	Condition		Continuity
Connector	Terminal		Trunk	Open	Yes
M19	85			Closed	No

Is the inspection result normal?

- YES >> GO TO 2.
NO-1 >> Continuity exists and remains unchanged: GO TO 3.
NO-2 >> Continuity does not exist and remains unchanged: Replace BCM. Refer to [BCS-82, "Removal and Installation"](#).

2. CHECK TRUNK ROOM LAMP OPEN CIRCUIT

1. Disconnect BCM connector.
2. Check continuity between BCM harness connector and trunk room lamp harness connector.

BCM		Trunk room lamp		Continuity
Connector	Terminal	Connector	Terminal	
M19	85	B36	2	Yes

Is the inspection result normal?

- YES >> Replace trunk room lamp. Refer to [INL-56, "Removal and Installation"](#).
NO >> Repair or replace harnesses.

3. CHECK TRUNK ROOM LAMP SHORT CIRCUIT

1. Disconnect BCM connector.
2. Check continuity between BCM harness connector and ground.

TRUNK ROOM LAMP

< DTC/CIRCUIT DIAGNOSIS >

BCM		Ground	Continuity
Connector	Terminal		
M19	85		No

Is the inspection result normal?

- YES >> Replace BCM. Refer to [BCS-82, "Removal and Installation"](#).
NO >> Repair or replace harnesses.

STEP LAMP CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

STEP LAMP CIRCUIT

Component Function Check

INFOID:000000012244608

CAUTION:

Before performing the diagnosis, check that the following is normal:

- Battery saver output/power supply
- Front step lamp bulbs
- Foot lamp bulbs

1. CHECK STEP LAMP OPERATION

CONSULT

1. Turn ignition switch ON.
2. Select "STEP LAMP TEST" in "Active Test" mode of "BCM".
3. While operating the test items, check that front step lamp and foot lamp turns ON/OFF.

On : Front step lamp and foot lamp ON

Off : Front step lamp and foot lamp OFF

Is the inspection result normal?

YES >> Step lamp circuit is normal.

NO >> Refer to [INL-45, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012244609

Regarding Wiring Diagram information, refer to [INL-14, "Wiring Diagram"](#).

1. CHECK STEP LAMP OUTPUT

CONSULT

1. Turn ignition switch ON.
2. Select "STEP LAMP TEST" in "Active Test" "BCM".
3. While operating the test item, check voltage between BCM harness connector M18 terminal 21 and ground.

BCM		Ground	STEP LAMP TEST	Voltage (Approx.)
Connector	Terminal			
M18	21		On	0V
			Off	Battery voltage

Is the inspection result normal?

YES >> Step lamp control circuit is operating normally.

Fixed ON >> GO TO 3.

Fixed OFF >> GO TO 2.

2. CHECK STEP LAMP OPEN CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect the following harness connectors:
 - BCM M18
 - Front step lamp LH D11
 - Front step lamp RH D109
 - Foot lamp LH M99
 - Foot lamp RH M100
3. Check continuity between BCM harness connector and the following lamp harness connector terminal:

STEP LAMP CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

BCM		Step lamp		Continuity	
Connector	Terminal	Connector	Terminal		
M18	21	Front step lamp LH	D11	2	Yes
		Front step lamp RH	D109		
		Foot lamp LH	M99		
		Foot lamp RH	M100		

Is the inspection result normal?

YES >> Check front step lamp or foot lamp for an open. If open is found, replace lamp in question. Refer to [INL-54. "Removal and Installation"](#) or [INL-60. "Bulb Specifications"](#) or [INL-59. "Removal and Installation"](#). If OK, replace BCM. Refer to [BCS-82. "Removal and Installation"](#).

NO >> Repair or replace harness or connectors.

3. CHECK STEP LAMP SHORT CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect the following harness connectors:
 - BCM M18
 - Front step lamp LH D11
 - Front step lamp RH D109
 - Foot lamp LH M99
 - Foot lamp RH M100
3. Check continuity between BCM harness connector and ground.

BCM		Ground	Continuity
Connector	Terminal		
M18	21		No

Is the inspection result normal?

YES >> Replace BCM. Refer to [BCS-82. "Removal and Installation"](#).

NO >> Repair or replace harness or connectors.

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

Description

INFOID:000000012239914

Provides the power supply and the ground to control the push-button ignition switch illumination.

Component Function Check

INFOID:000000012239915

1.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION OPERATION

CONSULT

1. Turn the ignition switch ON.
2. Select "ENGINE SW ILLUMI" in "Active Test" mode of "BCM".
3. While operating the test items, check that the push-button ignition switch illumination turns ON/OFF.

On : Push-button ignition switch illumination ON

Off : Push-button ignition switch illumination OFF

Does the push-button ignition switch illumination turn ON/OFF?

YES >> Push-button ignition switch illumination circuit is normal.

NO >> Refer to [INL-47, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012239916

Regarding Wiring Diagram information, refer to [INL-23, "Wiring Diagram"](#).

1.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION OPERATION

CONSULT

1. Turn the ignition switch ON.
2. Select "ENGINE SW ILLUMI" in "Active Test" mode of "BCM".
3. While operating the test item, check voltage between push-button ignition switch connector terminal.

(+)		(-)	Test item	Voltage (Approx.)
Push-button ignition switch			ENGINE SW ILLUMI	
Connector	Terminal	Ground		ON
M38	5		OFF	0 V

Is the inspection result normal?

YES >> GO TO 4.

NO >> GO TO 2.

2.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION POWER SUPPLY OPEN CIRCUIT

1. Turn the ignition switch OFF.
2. Disconnect BCM harness connector and the push-button ignition switch harness connector.
3. Check continuity between BCM harness connector and the push-button ignition switch harness connector.

BCM		Push-button ignition switch		Continuity
Connector	Terminal	Connector	Terminal	
M20	48	M38	5	Yes

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace harness or connectors.

3.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION POWER SUPPLY SHORT CIRCUIT

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

Check continuity between BCM harness connector and ground.

BCM		Ground	Continuity
Connector	Terminal		
M20	48		No

Is the inspection result normal?

YES >> Replace BCM. Refer to [BCS-82, "Removal and Installation"](#).

NO >> Repair or replace harness or connectors.

4. CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION GROUND CIRCUIT

1. Turn the ignition switch OFF.
2. Disconnect push-button ignition switch harness connector.
3. Check continuity between push-button ignition switch harness connector and ground.

Push-button ignition switch		Ground	Continuity
Connector	Terminal		
M38	6		Yes

Is the inspection result normal?

YES >> Replace push-button ignition switch. Refer to [PCS-36, "Removal and Installation"](#).

NO >> GO TO 5.

5. CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION GROUND OPEN CIRCUIT

1. Disconnect BCM harness connector and push-button ignition switch harness connector.
2. Check continuity between BCM harness connector and push-button ignition switch harness connector.

Push-button ignition switch		BCM		Continuity
Connector	Terminal	Connector	Terminal	
M38	6	M18	107	Yes

Is the inspection result normal?

YES >> Replace BCM. Refer to [BCS-82, "Removal and Installation"](#).

NO >> Repair or replace harness or connectors.

INTERIOR LIGHTING SYSTEM SYMPTOMS

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

INTERIOR LIGHTING SYSTEM SYMPTOMS

Symptom Table

INFOID:0000000012239917

NOTE:

Perform the “Self Diagnostic Result” with CONSULT before the symptom diagnosis. Perform the trouble diagnosis if any DTC is detected.

Symptom	Possible cause	Inspection item
All the following lamps do not turn ON: <ul style="list-style-type: none"> • Front room/map lamp assembly • Personal lamps rear • Trunk room lamp • Foot lamps • Front step lamps • Vanity mirror lamp LH/RH 	<ul style="list-style-type: none"> • Harness between BCM and each interior room lamp • BCM 	Battery saver output/power supply circuit Refer to INL-39, "Component Function Check" .
<ul style="list-style-type: none"> • Interior room lamp does not turn ON even though the door is open. (It turns ON when turning the interior room lamp ON.) • Interior room lamp does not turn OFF even though the door is closed. 	<ul style="list-style-type: none"> • Harness between BCM and each door switch • Harness between BCM and each interior room lamp • BCM 	Door switch circuit Refer to DLK-98, "Component Function Check" . Interior room lamp control circuit Refer to INL-41 .
Interior room lamp timer does not activate. (It turns ON/ OFF when the door opens/closes.)	—	Check the interior room lamp setting. Refer to INL-7, "INTERIOR ROOM LAMP CONTROL SYSTEM : System Description" .
Push-button ignition switch illumination does not illuminate.	<ul style="list-style-type: none"> • Harness between BCM and push-button ignition switch • BCM 	Push-button ignition switch illumination circuit Refer to INL-47 .
Interior room lamp battery saver does not activate.	BCM	Replace BCM. Refer to BCS-82, "Removal and Installation" .

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FRONT ROOM/MAP LAMP ASSEMBLY

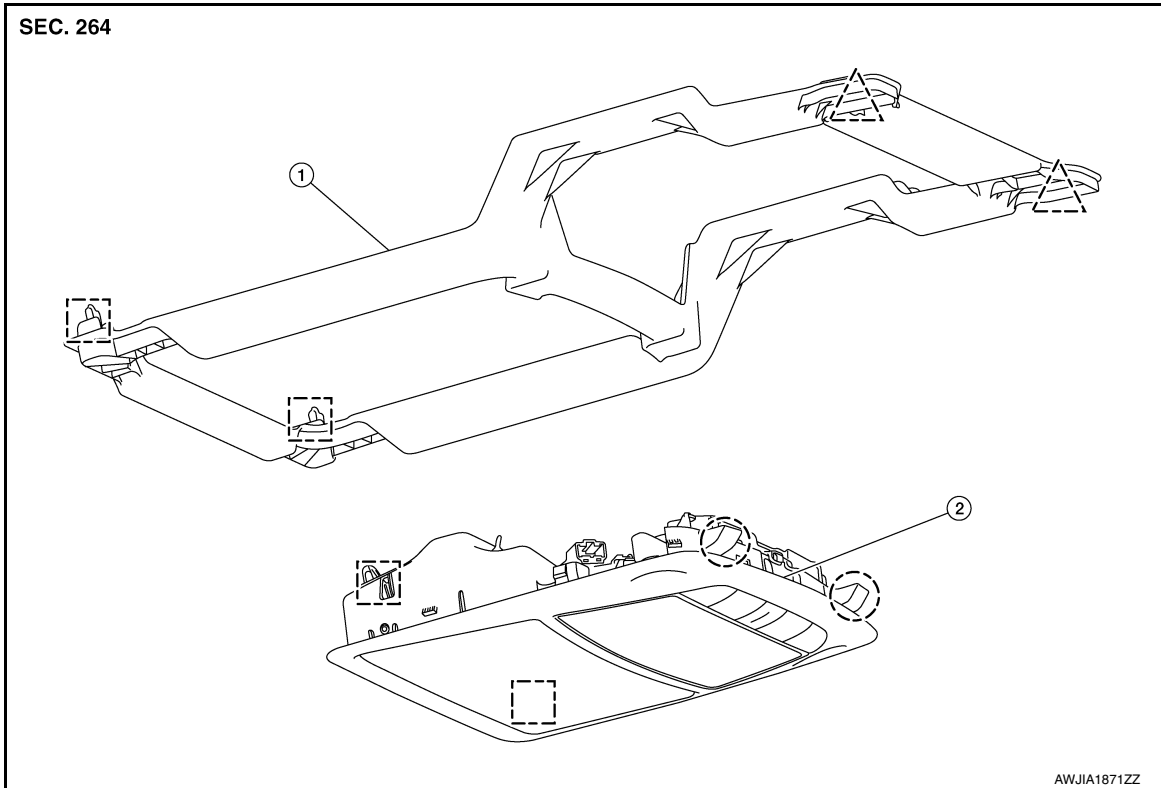
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

FRONT ROOM/MAP LAMP ASSEMBLY

Exploded View

INFOID:000000012239918



1. Front room/map lamp assembly bracket
Clip
Metal clip
2. Front room/map lamp assembly
Pawl
Front

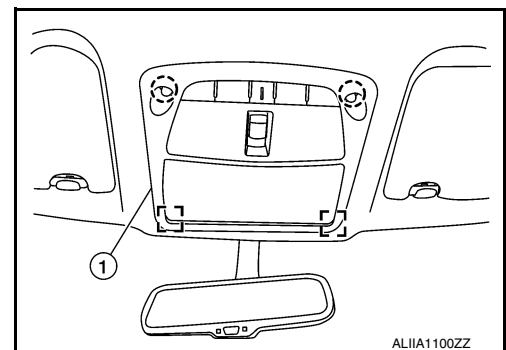
Removal and Installation

INFOID:000000012239919

REMOVAL

1. Lower front edge of front room/map lamp assembly (1) down from headlining by releasing metal clips, then slide forward to clear pawls at rear.

- : Pawl
□ : Metal clip



2. Disconnect the harness connectors from the front room/map lamp assembly and remove.

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

Visually check metal clips and pawls for deformation and damage during installation. Replace if necessary.

FRONT ROOM/MAP LAMP ASSEMBLY

< REMOVAL AND INSTALLATION >

Bulb Replacement

INFOID:000000012239920

The front room/map lamp assembly bulb is an LED and is serviced as part of the map lamp assembly. Refer to [INL-50, "Removal and Installation"](#).

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VANITY MIRROR LAMP

< REMOVAL AND INSTALLATION >

VANITY MIRROR LAMP

Removal and Installation

INFOID:000000012239921

The vanity mirror lamp is serviced as part of the sun visor. Refer to [INT-47, "Exploded View"](#).

GLOVE BOX LAMP

< REMOVAL AND INSTALLATION >

GLOVE BOX LAMP

Removal and Installation

INFOID:000000012273844

The glove box lamp is serviced as part of the glove box assembly. Refer to [IP-24. "Removal and Installation"](#).

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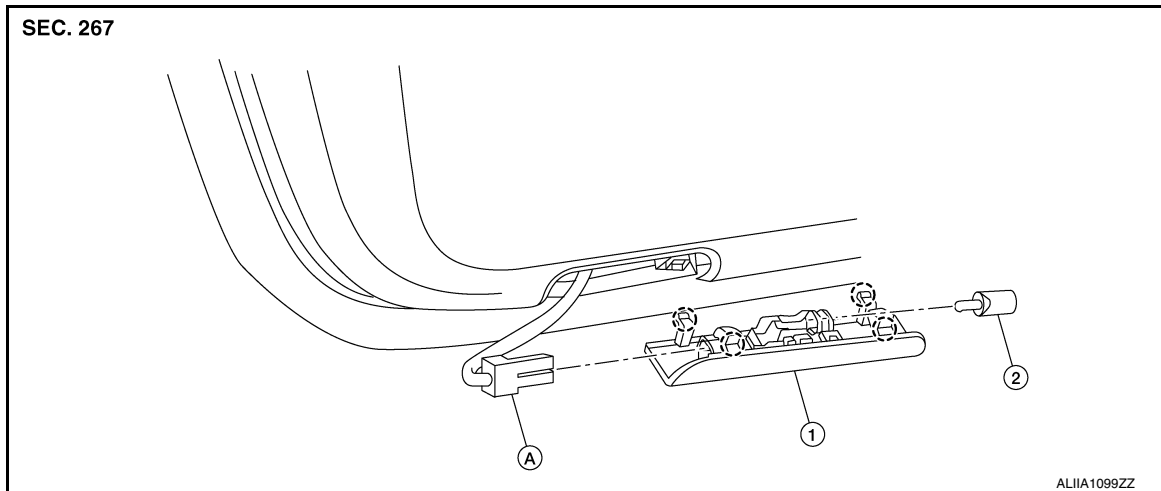
FRONT STEP LAMP

< REMOVAL AND INSTALLATION >

FRONT STEP LAMP

Exploded View


INFOID:000000012269751



1. Front step lamp

2. Bulb

A. Front step lamp harness connector

 Pawl

Removal and Installation

INFOID:000000012269752

REMOVAL

1. Insert a suitable tool into the gap between the front step lamp and front door finisher and gently release the pawls and the front step lamp.
2. Disconnect the harness connector from the front step lamp and remove.

INSTALLATION

Installation is in the reverse order of removal.

Bulb Replacement

INFOID:000000012269753

WARNING:

Do not touch the glass surface of a bulb while it is lit or right after being turned OFF to prevent burns.

CAUTION:

- Do not touch the glass of bulb directly by hand. Keep grease and other oily substances away from bulb surface.
 - Do not leave bulb out of lamp reflector for a long time because dust, moisture, smoke, etc. may affect the performance of lamp.
1. Remove the front step lamp. Refer to [INL-54, "Removal and Installation"](#).
 2. Grasp the bulb and pull straight out from the front step lamp to remove.
 3. Install the front step lamp bulb to front step lamp.
 4. Install the front step lamp. Refer to [INL-54, "Removal and Installation"](#)

PERSONAL LAMP

< REMOVAL AND INSTALLATION >


PERSONAL LAMP

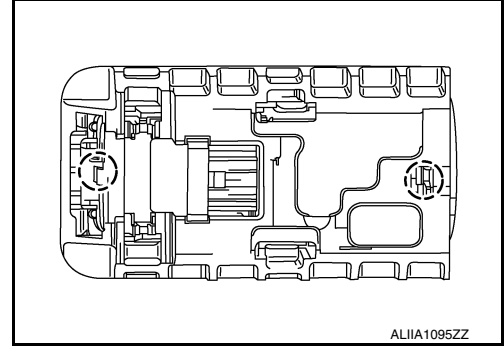
Removal and Installation

INFOID:0000000012271809

REMOVAL

1. Remove the headlining. Refer to [INT-48. "Removal and Installation"](#).
2. Release pawls using a suitable tool and remove personal lamp.

 : Pawl



INSTALLATION

Installation is in the reverse order of removal.

Bulb Replacement

INFOID:0000000012271810

The personal lamp bulb is an LED and is serviced with the personal lamp. Refer to [INL-55. "Removal and Installation"](#).

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TRUNK ROOM LAMP

< REMOVAL AND INSTALLATION >

TRUNK ROOM LAMP

Removal and Installation

INFOID:000000012495284

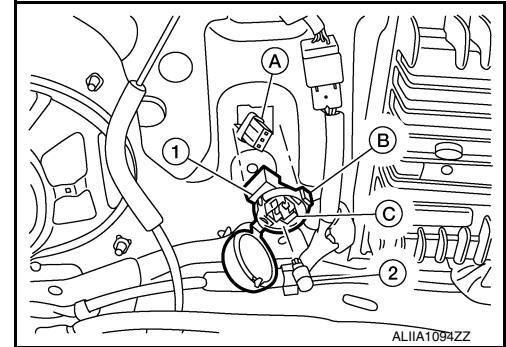
WARNING:

Do not touch bulb while it is lit or right after being turned OFF. Burning may result.

CAUTION:

Do not touch glass surface of the bulb with bare hands or allow oil or grease to get on it to prevent damage to bulb.

1. Release the pawl (B) to open the lens.
2. Remove the trunk room lamp bulb (2).
3. Release pawl (C), then pull trunk room lamp (1) down to remove.
4. Disconnect the harness connector (A) from the trunk room lamp and remove.



INSTALLATION

Installation is in the reverse order of removal.

Bulb Replacement

INFOID:000000012495285

WARNING:

Do not touch bulb while it is lit or right after being turned OFF. Burning may result.

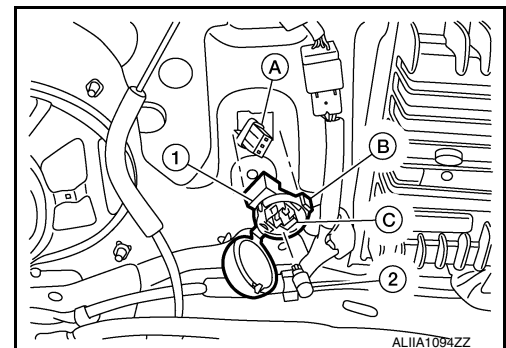
CAUTION:

- Do not touch glass surface of the bulb with bare hands or allow oil or grease to get on it to prevent damage to bulb.
- Do not leave bulb out of lamp reflector for a long time because dust, moisture, smoke, etc. may affect performance of lamp.
- Release and insert pawl as indicated or damage may occur.

1. Release the pawl (B) to open the lens.

- A. Harness connector
- C. Pawl

2. Remove trunk room lamp bulb (2).
3. Install bulb to trunk room lamp (1).
4. Close lens.



MOOD LAMP

< REMOVAL AND INSTALLATION >

MOOD LAMP

Removal and Installation

INFOID:000000012269758

INSTRUMENT PANEL LH OUTER

The mood lamp (instrument panel LH outer) is serviced as part of instrument finisher A. Refer to [IP-16, "INSTRUMENT FINISHER A : Removal and Installation"](#).

INSTRUMENT PANEL LH INNER

The mood lamp (instrument panel LH inner) is serviced as part of instrument finisher C. Refer to [IP-17, "INSTRUMENT FINISHER C : Removal and Installation"](#).

INSTRUMENT PANEL RH

The mood lamp (instrument panel RH) is serviced as part of instrument finisher B. Refer to [IP-16, "INSTRUMENT FINISHER B : Removal and Installation"](#).

FRONT DOOR ARMREST LH/RH

The mood lamp (front door armrest LH/RH) is serviced as part of the front door finisher. Refer to [INT-27, "Removal and Installation"](#).

Bulb Replacement

INFOID:000000012269759

The mood lamp bulbs are LED and not serviced separately.

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METER CONTROL SWITCH

< REMOVAL AND INSTALLATION >

METER CONTROL SWITCH

Removal and Installation

INFOID:000000012239930

The meter control switch is serviced as part of instrument finisher A. Refer to [IP-16, "INSTRUMENT FINISHER A : Removal and Installation"](#).

FOOT LAMP

< REMOVAL AND INSTALLATION >

FOOT LAMP

Removal and Installation

INFOID:000000012290588

FOOT LAMP LH

The foot lamp LH is serviced as part of the instrument lower panel LH. Refer to [IP-23. "Removal and Installation"](#).

FOOT LAMP RH

The foot lamp RH is serviced as part of the glove box assembly. Refer to [IP-24. "Removal and Installation"](#).

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SERVICE DATA AND SPECIFICATIONS (SDS)

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SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Bulb Specifications

INFOID:0000000012239931

Item	Wattage (W)*
Front room/map lamp assembly	–
Vanity mirror lamp	1.8
Glove box lamp	1.4
Front step lamp	3.8
Personal lamp	–
Trunk room lamp	3.4
Mood lamp (instrument panel LH outer)	–
Mood lamp (instrument panel LH inner)	–
Mood lamp (instrument panel RH)	–
Mood lamp (front door armrest LH/RH)	–
Foot lamp LH/RH	3.4

*: Always check with the Parts Department for the latest parts information.