

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:000000011539815

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:000000011539816

- 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

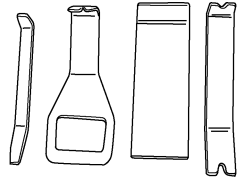
PREPARATION

Special Service Tools

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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



AWJIA0483ZZ

COMPONENT PARTS

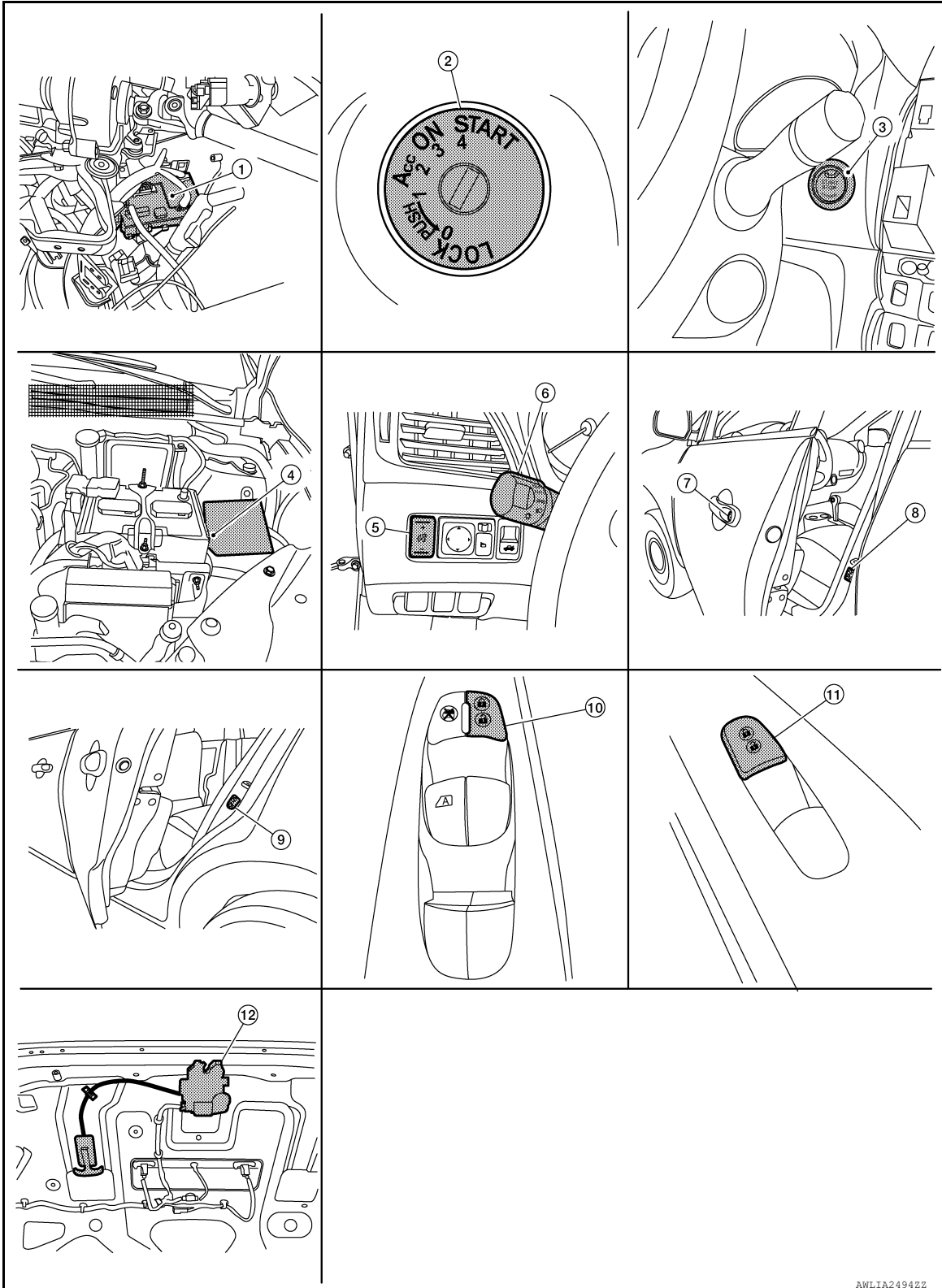
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SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

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COMPONENT PARTS

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- | | | |
|------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|
| 1. BCM (view with instrument panel removed) | 2. Key switch (without Intelligent Key) | 3. Push-button ignition switch (with Intelligent Key) |
| 4. IPDM E/R | 5. Illumination control switch | 6. Combination switch (lighting and turn signal switch) |
| 7. Front door lock assembly LH (key cylinder switch) | 8. Front door switch LH (RH similar) | 9. Rear door switch LH (RH similar) |
| 10. Main power window and door lock/unlock switch | 11. Power window and door lock/unlock switch RH | 12. Trunk lid opener assembly |

Component Description

INFOID:000000011539819

Part name	Description
BCM	Provides power and ground and controls timer functions for the interior room lamp, map lamp and trunk room lamp.
IPDM E/R	Provides power and ground and controls timer functions for the interior room lamp, map lamp and trunk room lamp.
Push-button ignition switch (with Intelligent Key)	Provides ignition switch status to the BCM.
Key switch (without Intelligent Key)	Provides key in ignition switch status to the BCM.
Door switches	Provides door OPEN/CLOSED status to the BCM.
Main power window and door lock/unlock switch	Provides door lock/unlock switch LH status to the BCM.
Power window and door lock/unlock switch RH	Provides door lock/unlock switch RH status to the BCM.
Front door lock assembly LH (key cylinder switch)	Provides door lock/unlock switch LH status to the BCM.
Trunk lid opener assembly	Provides trunk lid OPEN/CLOSED status to the BCM.

SYSTEM

< SYSTEM DESCRIPTION >

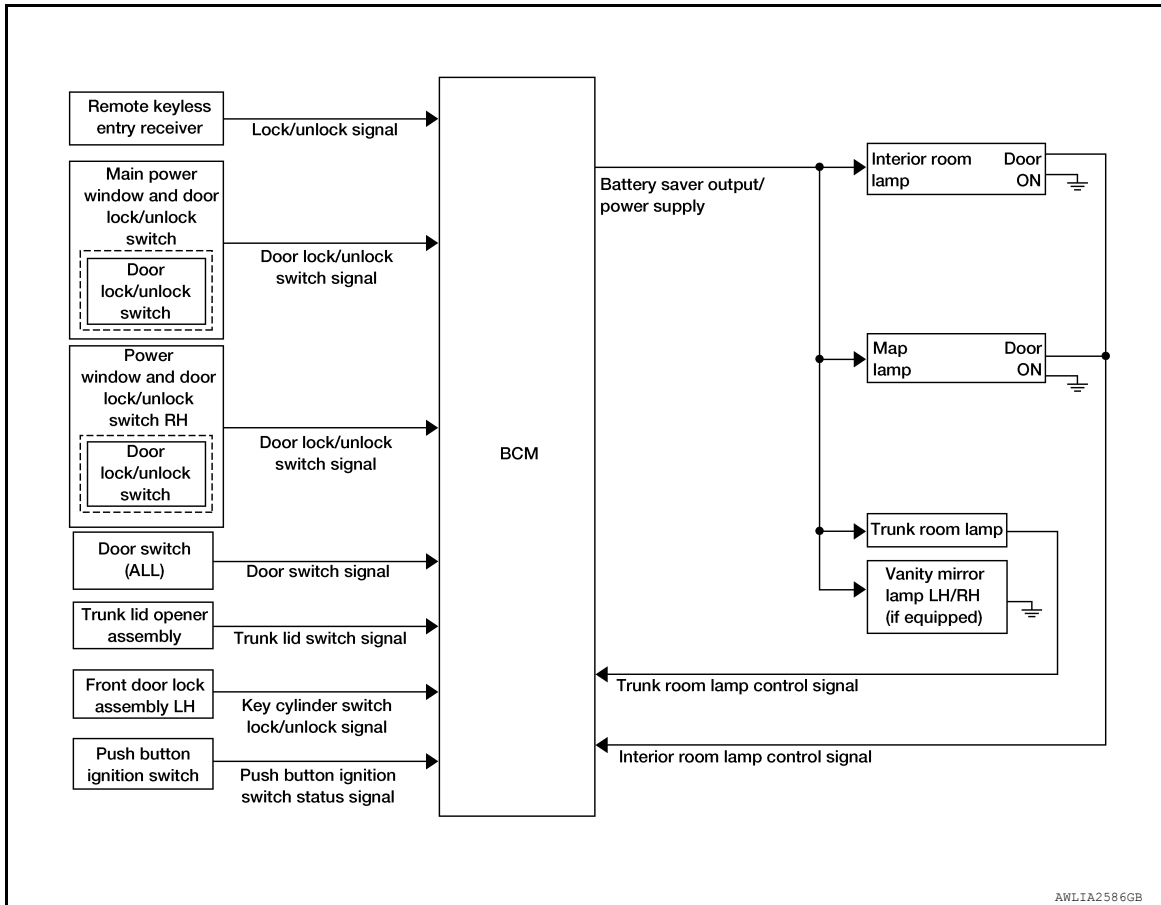
SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM : System Diagram

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WITH INTELLIGENT KEY



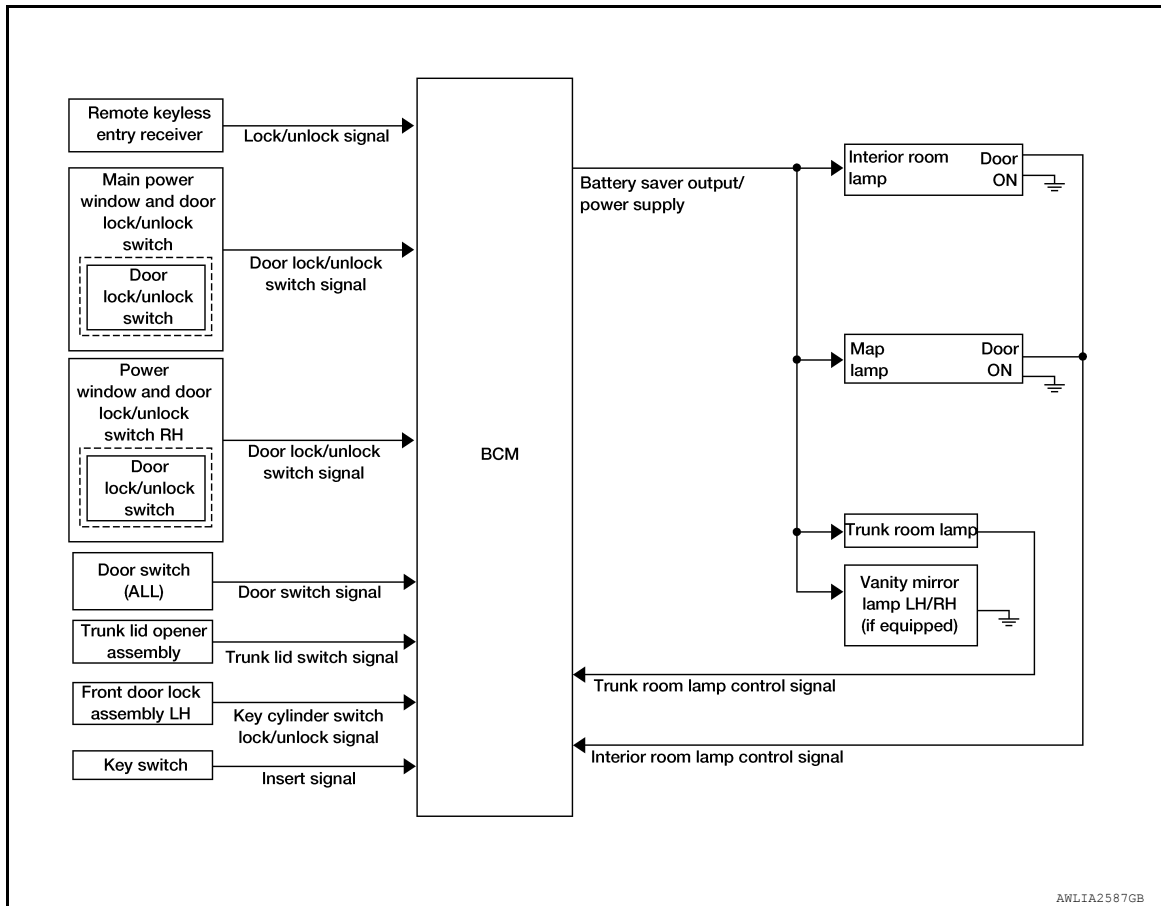
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SYSTEM

< SYSTEM DESCRIPTION >

WITHOUT INTELLIGENT KEY



INTERIOR ROOM LAMP CONTROL SYSTEM : System Description

INFOID:000000011539821

OUTLINE

- Interior room lamp* is controlled by the interior room lamp timer control function of the BCM.
 - Trunk room lamp is controlled by the trunk room lamp control function of the BCM.
- The timer control functions of the BCM activate based on inputs from the key cylinder lock/unlock switch LH, the door switches, the key switch and door lock/unlock switches.

*Interior room lamp and map lamp (when lamp switch is in DOOR position).

ROOM LAMP TIMER OPERATION

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

- When the front door LH is unlocked with key fob, main power window and door lock/unlock switch, power window and door lock/unlock switch RH or front door lock assembly LH (key cylinder switch).
- When a door opens → closes and the push-button ignition switch is not pressed (with Intelligent Key).
- When a door opens → closes and the key is not inserted in the ignition switch (without Intelligent Key).

Timer control is cancelled under the following conditions.

- When the front door LH is locked with key fob, main power window and door lock/unlock switch, power window and door lock/unlock switch RH or front door lock assembly LH (key cylinder switch).
- A door is opened (door switch turns ON).
- Ignition switch is turned ON.

Interior lamp operational settings can be changed with the function setting of CONSULT.

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 10 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

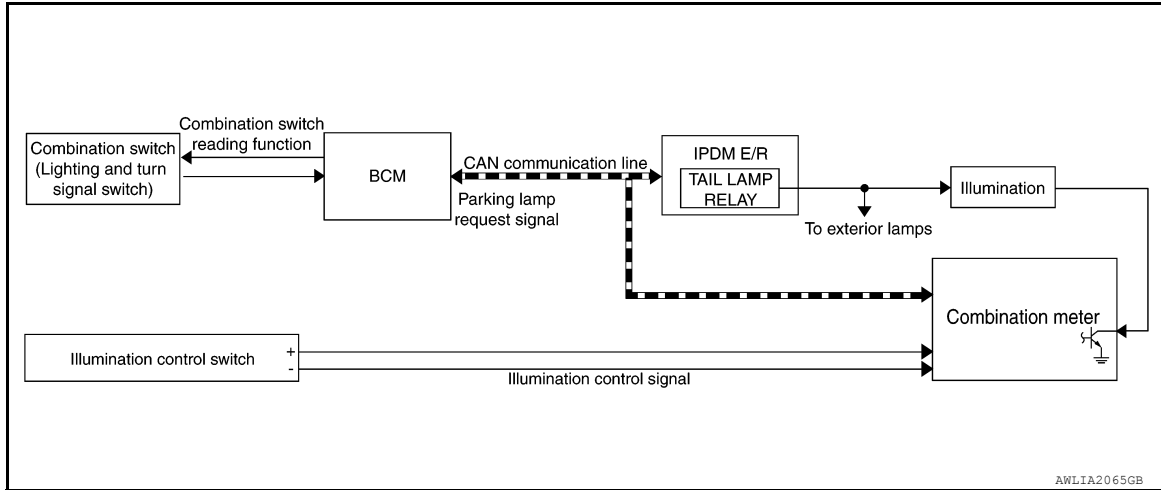
- a signal is received from a key fob, main power window and door lock/unlock switch, power window and door lock/unlock switch RH or when the front door lock assembly LH (key cylinder switch) is locked or unlocked
- a door is opened or closed
- the key is removed from or inserted into the ignition switch (without Intelligent Key).

The interior lamp battery saver control time period can be changed with the function setting of CONSULT.

ILLUMINATION CONTROL SYSTEM

ILLUMINATION CONTROL SYSTEM : System Diagram

INFOID:000000011539822



ILLUMINATION CONTROL SYSTEM : System Description

INFOID:000000011539823

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 AUTO (activated) or parking lamp position 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.

BATTERY SAVER CONTROL

When the combination switch (lighting and turn signal switch) is in the AUTO (activated) or parking lamp 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 10 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 AUTO (activated) or parking lamp position after illumination lamps have been turned off by the battery saver control, the illumination lamps illuminate again.

DIAGNOSIS SYSTEM (BCM) (WITH INTELLIGENT KEY SYSTEM)

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (BCM) (WITH INTELLIGENT KEY SYSTEM) COMMON ITEM

COMMON ITEM : CONSULT Function (BCM - COMMON ITEM)

INFOID:000000011896215

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			x	x	x		
Rear window defogger	REAR DEFOGGER			x	x			
Warning chime	BUZZER			x	x			
Interior room lamp timer	INT LAMP			x	x	x		
Exterior lamp	HEAD LAMP			x	x	x		
Wiper and washer	WIPER			x	x	x		
Turn signal and hazard warning lamps	FLASHER			x	x	x		
Air conditioner	AIR CONDITIONER			x				
Intelligent Key system	INTELLIGENT KEY		x	x	x	x		
Combination switch	COMB SW			x				
BCM	BCM	x	x			x	x	x
Immobilizer	IMMU		x	x	x	x		
Interior room lamp battery saver	BATTERY SAVER			x	x	x		
Trunk open	TRUNK			x				
Vehicle security system	THEFT ALM			x	x	x		
RAP system	RETAINED PWR			x				
Signal buffer system	SIGNAL BUFFER			x				
TPMS	AIR PRESSURE MONITOR		x	x	x	x		

DIAGNOSIS SYSTEM (BCM) (WITH INTELLIGENT KEY SYSTEM)

< SYSTEM DESCRIPTION >

INT LAMP

INT LAMP : CONSULT Function (BCM - INT LAMP)

INFOID:000000011896216

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 of push-button ignition switch.
UNLK SEN -DR [On/Off]	Indicates condition of driver door unlock sensor.
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 lid 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].

WORK SUPPORT

Support Item	Setting	Description	
R LAMP TIMER LOGIC SET	MODE 2	Interior room lamp timer activates with all doors.	
	MODE 1*	Interior room lamp timer activates with the driver door only.	
SET I/L D-UNLCK INTCON	On*	Interior room lamp timer function ON.	
	Off	Interior room lamp timer function OFF.	
ROOM LAMP TIMER SET	MODE 4	30 sec.	Sets the interior room lamp ON time. (Timer operating time).
	MODE 3*	15 sec.	
	MODE 2	7.5 sec.	

*: Initial setting

BATTERY SAVER

BATTERY SAVER : CONSULT Function (BCM - BATTERY SAVER)

INFOID:000000011896217

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.

DIAGNOSIS SYSTEM (BCM) (WITH INTELLIGENT KEY SYSTEM)

< SYSTEM DESCRIPTION >

Monitor Item [Unit]	Description
UNLK SEN -DR [On/Off]	Indicates condition of driver door unlock sensor.
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 lid 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].

WORK SUPPORT

Support Item	Setting		Description
BATTERY SAVER SET	ON*		Exterior lamp battery saver function ON.
	OFF		Exterior lamp battery saver function OFF.
ROOM LAMP TIMER SET	MODE 3*	10 min.	Sets interior room lamp battery saver timer operating time.
	MODE 2	60 min.	
	MODE 1	15 min.	

*: Initial setting

DIAGNOSIS SYSTEM (BCM) (WITHOUT INTELLIGENT KEY SYSTEM)

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (BCM) (WITHOUT INTELLIGENT KEY SYSTEM) COMMON ITEM

COMMON ITEM : CONSULT Function (BCM - COMMON ITEM)

INFOID:000000011896219

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			x	x	x		
Rear window defogger	REAR DEFOGGER			x	x			
Warning chime	BUZZER			x	x			
Interior room lamp timer	INT LAMP			x	x	x		
Remote keyless entry system	MULTI REMOTE ENT			x	x	x		
Exterior lamp	HEAD LAMP			x	x	x		
Wiper and washer	WIPER			x	x	x		
Turn signal and hazard warning lamps	FLASHER			x	x			
Air conditioner	AIR CONDITIONER			x				
Combination switch	COMB SW			x				
BCM	BCM	x	x			x	x	x
Immobilizer	IMMU		x		x	x		
Interior room lamp battery saver	BATTERY SAVER			x	x	x		
Trunk open	TRUNK			x				
RAP system	RETAINED PWR			x		x		
Signal buffer system	SIGNAL BUFFER			x				
TPMS	AIR PRESSURE MONITOR		x	x	x	x		
Panic alarm system	PANIC ALARM				x			

DIAGNOSIS SYSTEM (BCM) (WITHOUT INTELLIGENT KEY SYSTEM)

< SYSTEM DESCRIPTION >

INT LAMP

INT LAMP : CONSULT Function (BCM - INT LAMP)

INFOID:000000011896220

DATA MONITOR

Monitor Item [Unit]	Description
IGN ON SW [On/Off]	Indicates condition of ignition switch ON position.
KEY ON SW [On/Off]	Indicates condition of key switch.
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.
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.
KEYLESS LOCK [On/Off]	Indicates condition of lock signal from keyfob.
KEYLESS UNLOCK [On/Off]	Indicates condition of unlock signal from keyfob.
TRNK/HAT MNTR [On/Off]	Indicates condition of trunk lid 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.
ACC SW [On/Off]	Indicates condition of ignition switch ACC position.

ACTIVE TEST

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

WORK SUPPORT

Support Item	Setting	Description
SET I/L D-UNLCK INTCON	On*	Interior room lamp timer function ON.
	Off	Interior room lamp timer function OFF.
ROOM LAMP TIMER SET	MODE 4 30 sec.	Sets the interior room lamp ON time. (Timer operating time).
	MODE 3* 15 sec.	
	MODE 2 7.5 sec.	
	MODE 1 OFF	
ROOM LAMP ON TIME SET	MODE7 0 sec.	Sets the interior room lamp gradual brightening time.
	MODE6 5 sec.	
	MODE5 4 sec.	
	MODE4 3 sec.	
	MODE3 2 sec.	
	MODE2* 1 sec.	
	MODE1 0.5 sec.	

DIAGNOSIS SYSTEM (BCM) (WITHOUT INTELLIGENT KEY SYSTEM)

< SYSTEM DESCRIPTION >

Support Item	Setting		Description
ROOM LAMP OFF TIME SET	MODE7	0 sec.	Sets the interior room lamp gradual dimming time.
	MODE6	5 sec.	
	MODE5	4 sec.	
	MODE4	3 sec.	
	MODE3	2 sec.	
	MODE2*	1 sec.	
	MODE1	0.5 sec.	
R LAMP TIMER LOGIC SET	MODE 2		Interior room lamp timer activates with all doors.
	MODE 1*		Interior room lamp timer activates with the driver door only.

* : Initial setting

BATTERY SAVER

BATTERY SAVER : CONSULT Function (BCM - BATTERY SAVER)

INFOID:000000011896221

DATA MONITOR

Monitor Item [Unit]	Description
IGN ON SW [On/Off]	Indicates condition of ignition switch ON position.
KEY ON SW [On/Off]	Indicates condition of key switch.
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.
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.
KEYLESS LOCK [On/Off]	Indicates condition of lock signal from keyfob.
KEYLESS UNLOCK [On/Off]	Indicates condition of unlock signal from keyfob.
TRNK/HAT MNTR [On/Off]	Indicates condition of trunk lid 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.
ACC SW [On/Off]	Indicates condition of ignition switch ACC position.

ACTIVE TEST

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

WORK SUPPORT

Support Item	Setting		Description
ROOM LAMP TIMER SET	MODE 3*	10 min.	Sets interior room lamp battery saver timer operating time.
	MODE 2	60 min.	
	MODE 1	15 min.	

* : Initial setting

BCM

< ECU DIAGNOSIS INFORMATION >

ECU DIAGNOSIS INFORMATION

BCM

List of ECU Reference

INFOID:0000000011539830

ECU	Reference
BCM (with Intelligent Key)	BCS-29. "Reference Value"
	BCS-46. "Fail-safe"
	BCS-48. "DTC Inspection Priority Chart"
	BCS-49. "DTC Index"
BCM (without Intelligent Key)	BCS-101. "Reference Value"
	BCS-112. "Fail-safe"
	BCS-113. "DTC Inspection Priority Chart"
	BCS-113. "DTC Index"

INTERIOR ROOM LAMP CONTROL SYSTEM

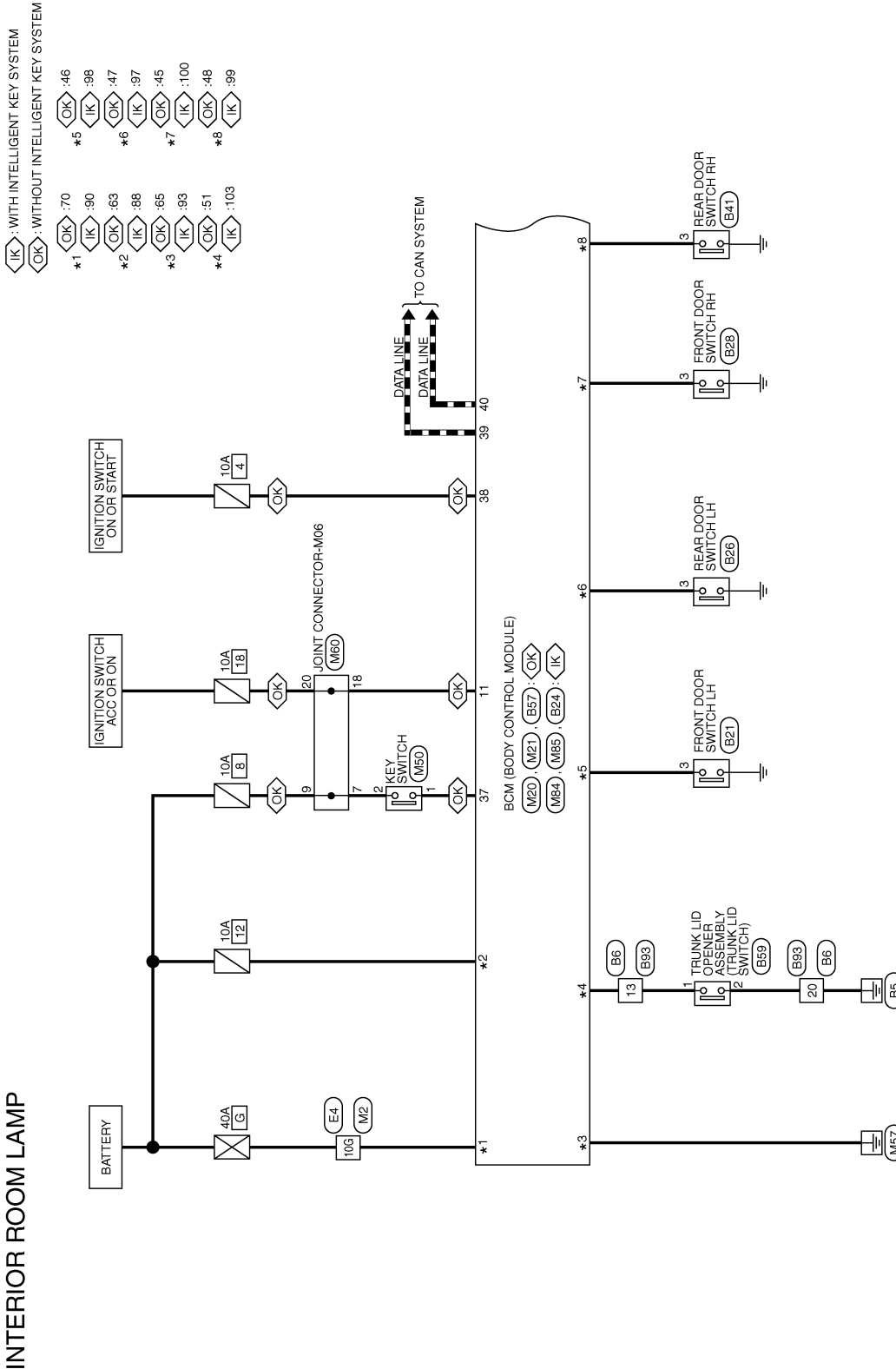
< WIRING DIAGRAM >

WIRING DIAGRAM

INTERIOR ROOM LAMP CONTROL SYSTEM

Wiring Diagram

INFOID:000000011539831



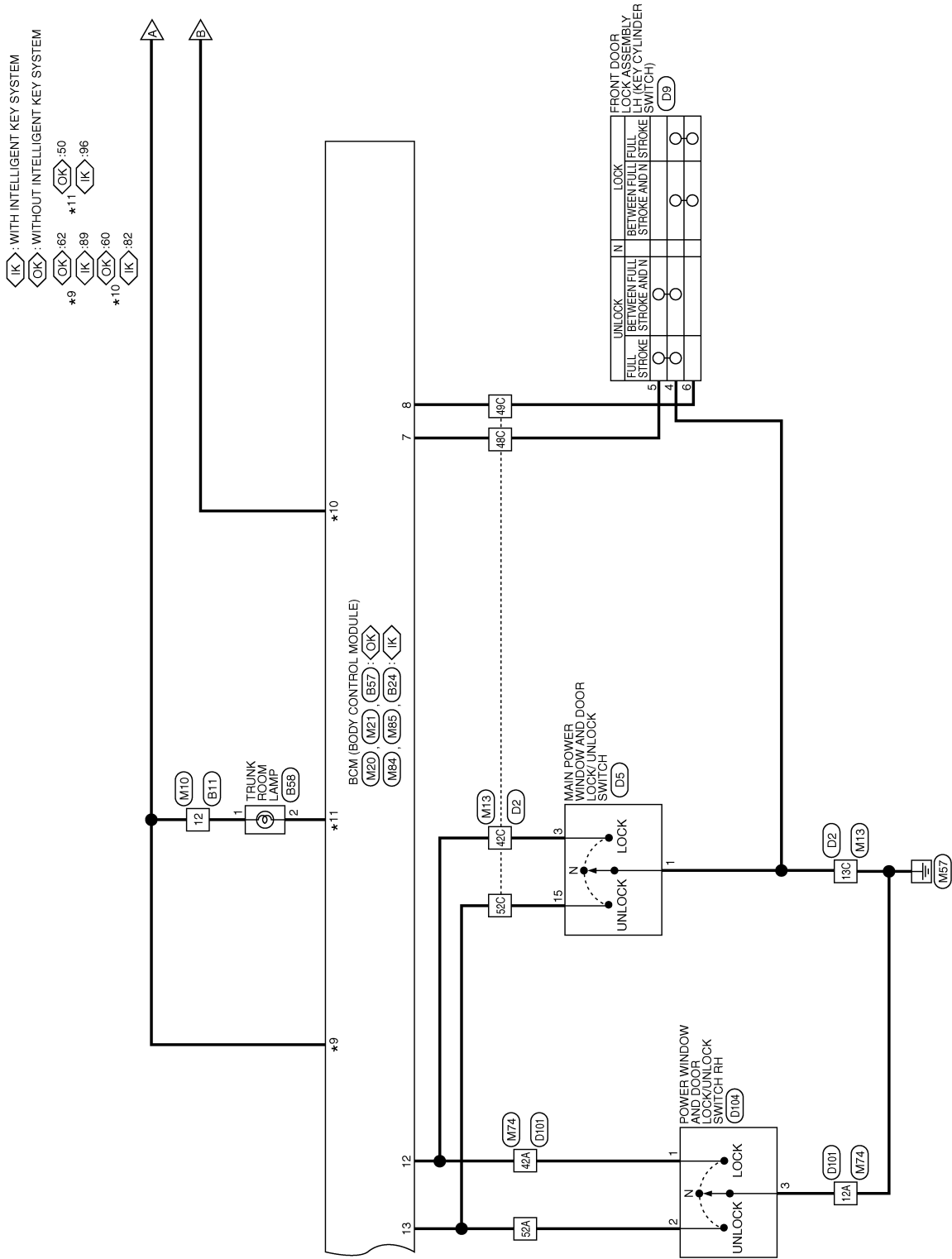
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INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM >

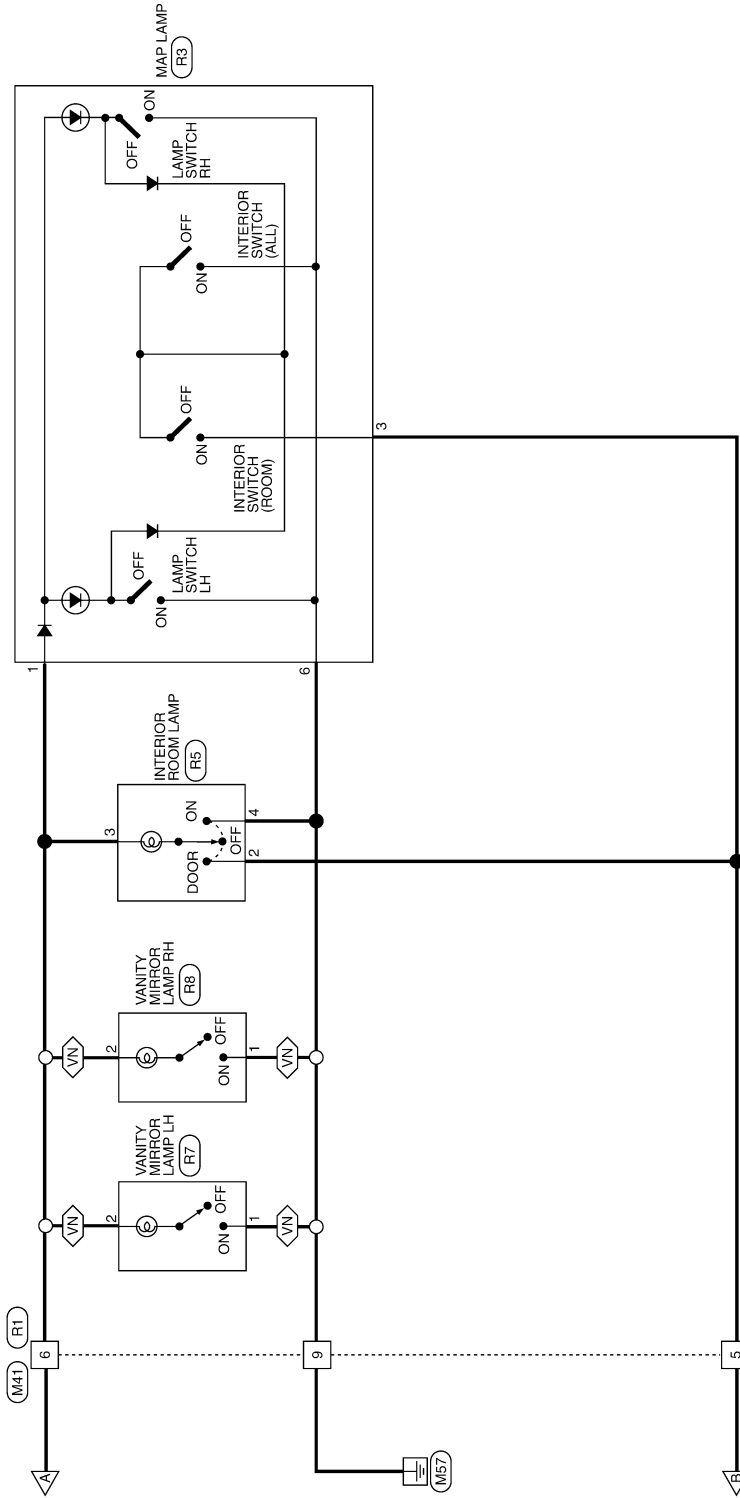


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INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM >

⊡ : WITH VANITY LAMPS



AALWA0519GB

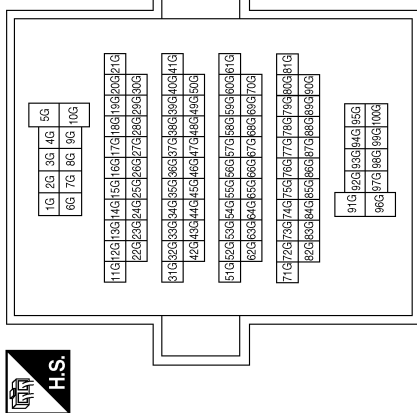
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INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM >

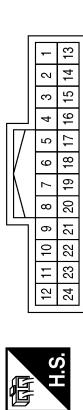
INTERIOR ROOM LAMP CONNECTORS

Connector No.	M2
Connector Name	WIRE TO WIRE
Connector Color	WHITE



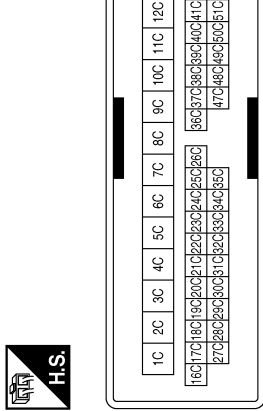
Terminal No.	Color of Wire	Signal Name
10G	Y	-

Connector No.	M10
Connector Name	WIRE TO WIRE
Connector Color	WHITE



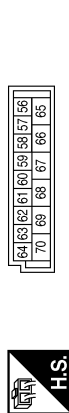
Terminal No.	Color of Wire	Signal Name
12	P	-

Connector No.	M13
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
13C	B	-
42C	GR	-
48C	L	-
49C	V	-
52C	BR	-

Connector No.	M20
Connector Name	BCM (BODY CONTROL MODULE) (WITHOUT INTELLIGENT KEY SYSTEM)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
60	BR	ROOM LAMP OUTPUT
62	P	BATTERY SAVER OUTPUT
63	O	BATTERY (FUSE)
65	B	GND
70	Y	BATTERY (F/L)

Connector No.	M21
Connector Name	BCM (BODY CONTROL MODULE) (WITHOUT INTELLIGENT KEY SYSTEM)
Connector Color	WHITE



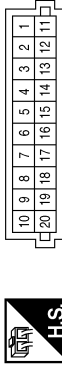
Terminal No.	Color of Wire	Signal Name
7	L	KEY CYLINDER UNLOCK SW
8	V	KEY CYLINDER LOCK SW

Terminal No.	Color of Wire	Signal Name
11	G	ACC SW
12	GR	CENTRAL DOOR LOCK SW
13	BR	CENTRAL DOOR UNLOCK SW
37	GR	KEY SW
38	R	IGN SW
39	L	CAN-H
40	P	CAN-L

INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM >

Connector No.	M60
Connector Name	JOINT CONNECTOR-M06
Connector Color	BLUE



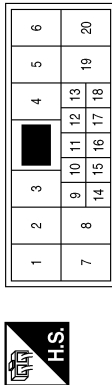
Terminal No.	Color of Wire	Signal Name
7	BR	-
9	W	-
18	G	-
20	L	-

Connector No.	M50
Connector Name	KEY SWITCH
Connector Color	GRAY



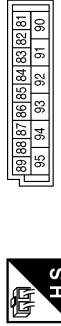
Terminal No.	Color of Wire	Signal Name
1	GR	-
2	BR	-

Connector No.	M41
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
5	BR	-
6	P	-
9	B	-

Connector No.	M85
Connector Name	BCM (BODY CONTROL MODULE) (WITH INTELLIGENT KEY SYSTEM)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
82	BR	ROOM LAMP OUTPUT
88	O	BATTERY (FUSE)
89	P	BATTERY SAVER OUTPUT
90	Y	BATTERY (FL)
93	B	GND (POWER)

Connector No.	M84
Connector Name	BCM (BODY CONTROL MODULE) (WITH INTELLIGENT KEY SYSTEM)
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
7	L	KEY CYLINDER UNLOCK SW
8	V	KEY CYLINDER LOCK SW
12	GR	CENTRAL DOOR LOCK SW
13	BR	CENTRAL DOOR UNLOCK SW
39	L	CAN-H
40	P	CAN-L

Connector No.	M74
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
12A	B	-
42A	GR	-
52A	BR	-

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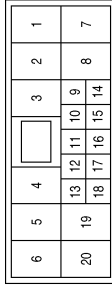
A B C D E F G H I J K L M N O P



INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM >

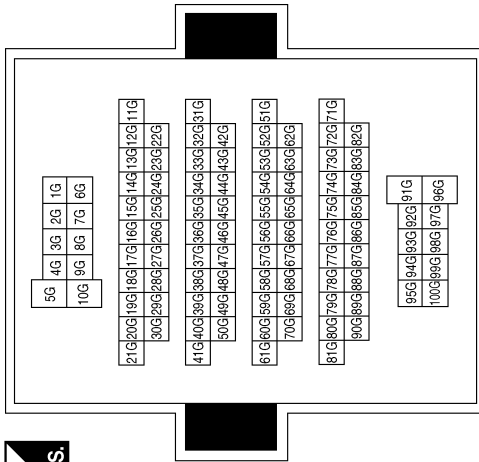
Connector No.	B6
Connector Name	WIRE TO WIRE
Connector Color	WHITE



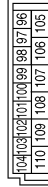
Terminal No.	Color of Wire	Signal Name
13	V	-
20	B	-

Terminal No.	10G	Color of Wire	G	Signal Name	-
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Connector No.	E4
Connector Name	WIRE TO WIRE
Connector Color	WHITE

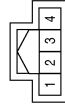


Connector No.	B24
Connector Name	BCM (BODY CONTROL MODULE) (WITH INTELLIGENT KEY SYSTEM)
Connector Color	BLACK



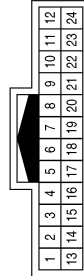
Terminal No.	Color of Wire	Signal Name
96	LG	LUGGAGE LAMP OUTPUT
97	GR	DOOR SW (RL)
98	Y	DOOR SW (DR)
99	P	DOOR SW (RR)
100	R	DOOR SW (AS)
103	V	TRUNK/GLASS HATCH SW

Connector No.	B21
Connector Name	FRONT DOOR SWITCH LH
Connector Color	WHITE



Terminal No.	3	Color of Wire	Y	Signal Name	-
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Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Color	WHITE



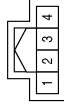
Terminal No.	12	Color of Wire	BR	Signal Name	-
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INTERIOR ROOM LAMP CONTROL SYSTEM

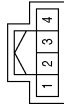
< WIRING DIAGRAM >

Connector No.	B41
Connector Name	REAR DOOR SWITCH RH
Connector Color	WHITE



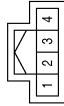
Terminal No.	3	Color of Wire	P	Signal Name	-
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Connector No.	B28
Connector Name	FRONT DOOR SWITCH RH
Connector Color	WHITE



Terminal No.	3	Color of Wire	R	Signal Name	-
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Connector No.	B26
Connector Name	REAR DOOR SWITCH LH
Connector Color	WHITE



Terminal No.	3	Color of Wire	GR	Signal Name	-
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Connector No.	B59
Connector Name	TRUNK LID OPENER ASSEMBLY
Connector Color	WHITE



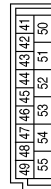
Terminal No.	1	Color of Wire	R	Signal Name	-
Terminal No.	2	Color of Wire	B	Signal Name	-

Connector No.	B58
Connector Name	TRUNK ROOM LAMP
Connector Color	WHITE



Terminal No.	1	Color of Wire	BR	Signal Name	-
Terminal No.	2	Color of Wire	LG	Signal Name	-

Connector No.	B57
Connector Name	BCM (BODY CONTROL MODULE) (WITHOUT INTELLIGENT KEY SYSTEM)
Connector Color	BLACK



Terminal No.	45	Color of Wire	R	Signal Name	DOOR SW (AS)
Terminal No.	46	Color of Wire	Y	Signal Name	DOOR SW (DR)
Terminal No.	47	Color of Wire	GR	Signal Name	DOOR SW (RL)
Terminal No.	48	Color of Wire	P	Signal Name	DOOR SW (RR)
Terminal No.	50	Color of Wire	LG	Signal Name	LUGGAGE LAMP OUTPUT
Terminal No.	51	Color of Wire	V	Signal Name	TRUNK SW

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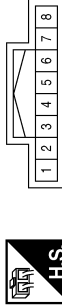
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INTERIOR ROOM LAMP CONTROL SYSTEM

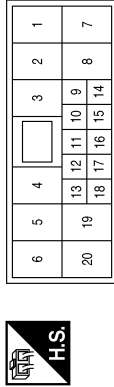
< WIRING DIAGRAM >

Connector No.	R3
Connector Name	MAP LAMP
Connector Color	WHITE



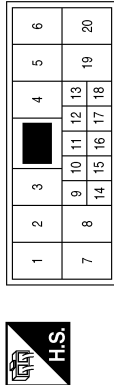
Terminal No.	Color of Wire	Signal Name
1	P	-
3	BR	-
6	B	-

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
5	BR	-
6	P	-
9	B	-

Connector No.	B93
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
13	R	-
20	B	-

Connector No.	R8
Connector Name	VANITY MIRROR LAMP RH
Connector Color	WHITE



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

Connector No.	R7
Connector Name	VANITY MIRROR LAMP LH
Connector Color	WHITE



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

Connector No.	R5
Connector Name	INTERIOR ROOM LAMP
Connector Color	WHITE



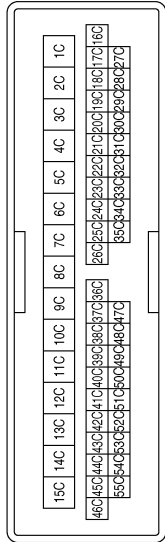
Terminal No.	Color of Wire	Signal Name
2	BR	-
3	P	-
4	B	-

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INTERIOR ROOM LAMP CONTROL SYSTEM

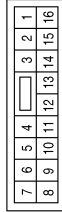
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Connector No.	D2
Connector Name	WIRE TO WIRE
Connector Color	WHITE



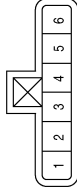
Terminal No.	Color of Wire	Signal Name
13C	B	-
42C	L	-
48C	Y	-
49C	R	-
52C	BR	-

Connector No.	D5
Connector Name	MAIN POWER WINDOW AND DOOR LOCK/UNLOCK SWITCH
Connector Color	WHITE



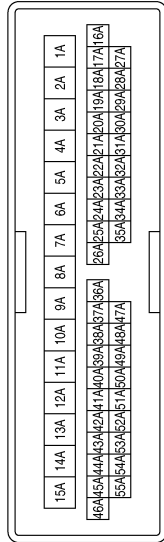
Terminal No.	Color of Wire	Signal Name
1	B	GND
3	L	LOCK SW
15	BR	UNLOCK SW

Connector No.	D9
Connector Name	FRONT DOOR LOCK ASSEMBLY LH
Connector Color	GRAY



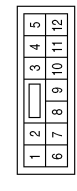
Terminal No.	Color of Wire	Signal Name
4	B	-
5	Y	-
6	R	-

Connector No.	D101
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
12A	B	-
42A	Y	-
52A	BR	-

Connector No.	D104
Connector Name	POWER WINDOW AND DOOR LOCK/UNLOCK SWITCH RH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	Y	-
2	BR	-
3	B	-

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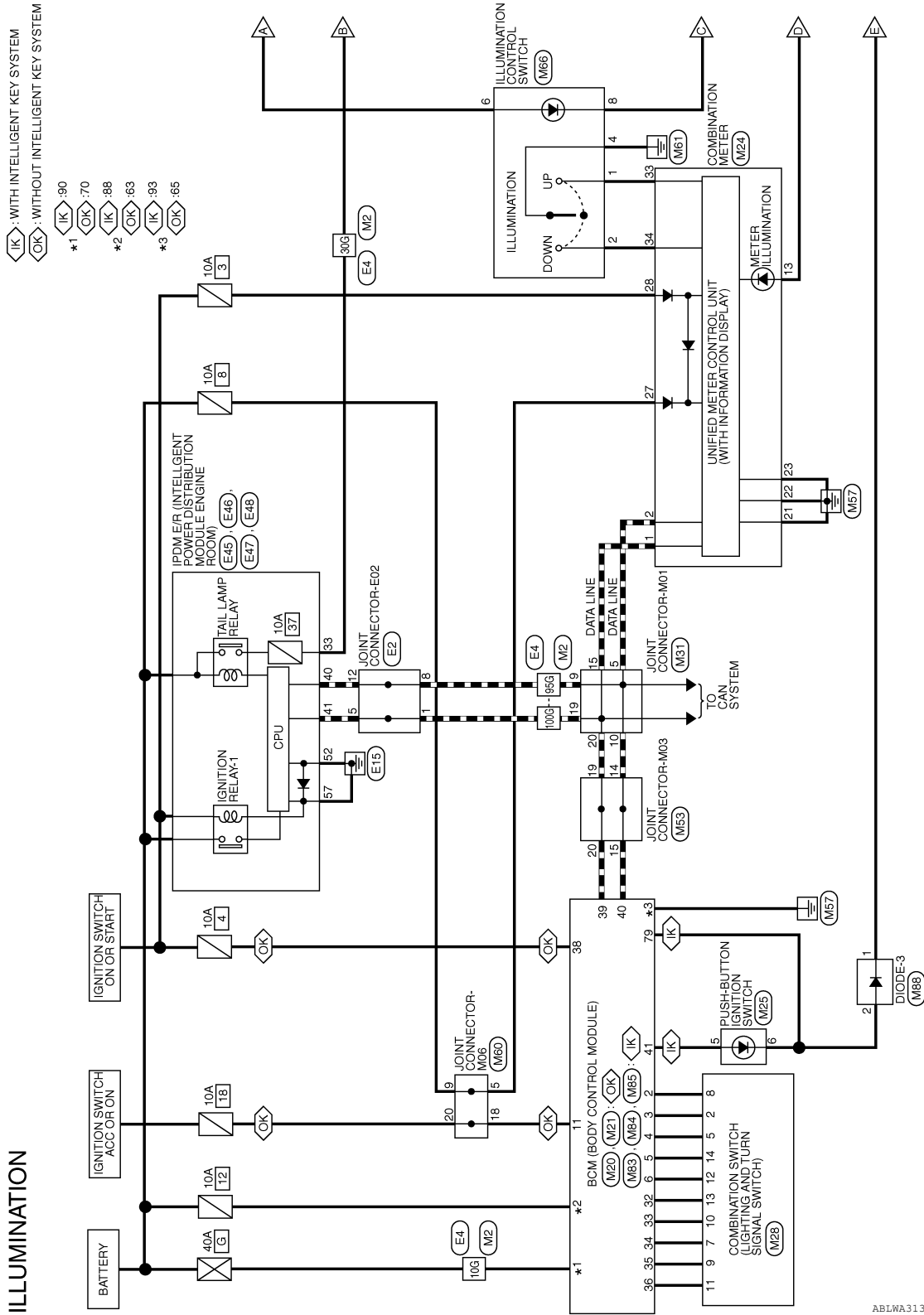
ILLUMINATION

< WIRING DIAGRAM >

ILLUMINATION

Wiring Diagram

INFOID:000000011539832

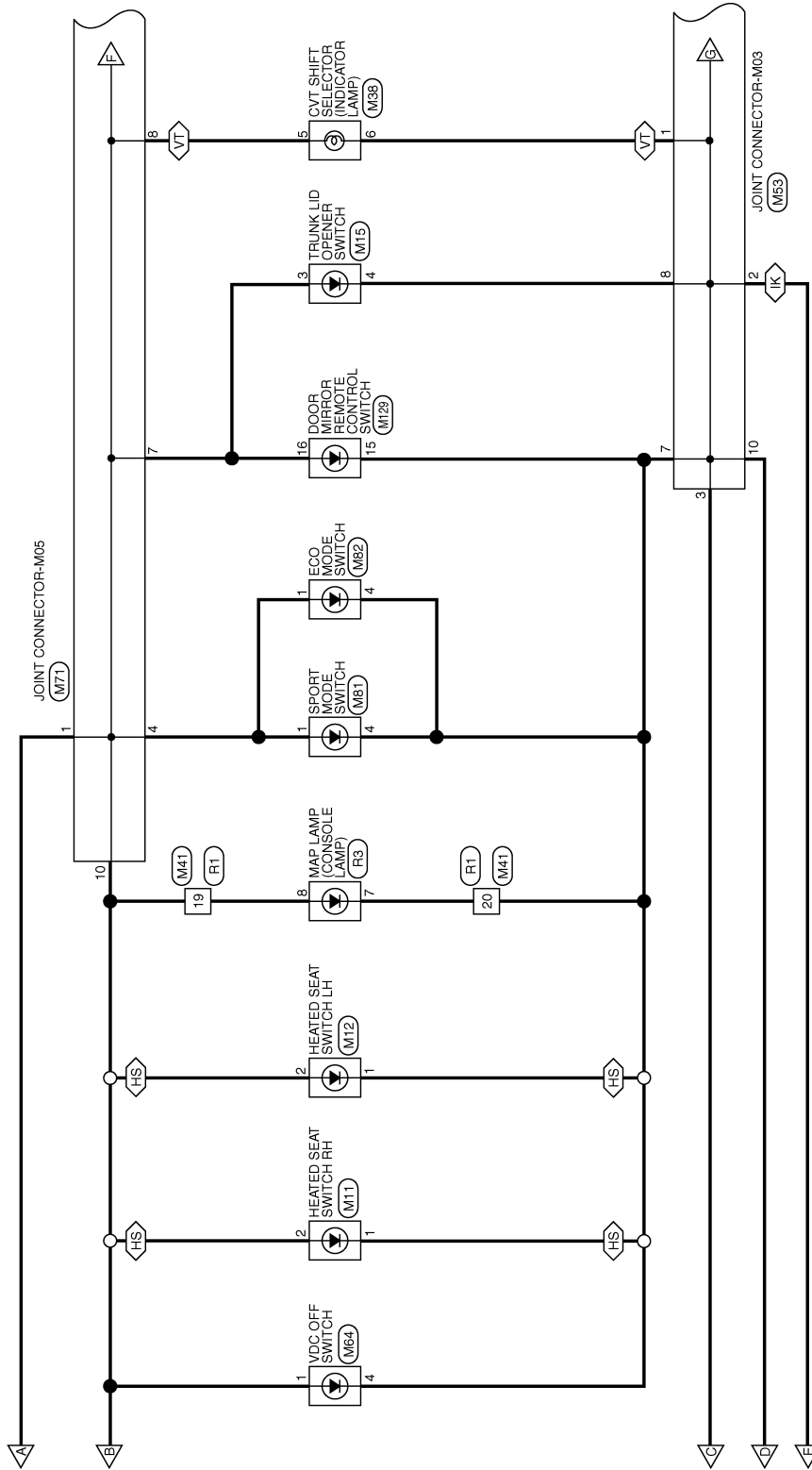


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ILLUMINATION

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- ◁ HS ▷ WITH HEATED SEATS
- ◁ IK ▷ WITH INTELLIGENT KEY SYSTEM
- ◁ VT ▷ WITH CVT



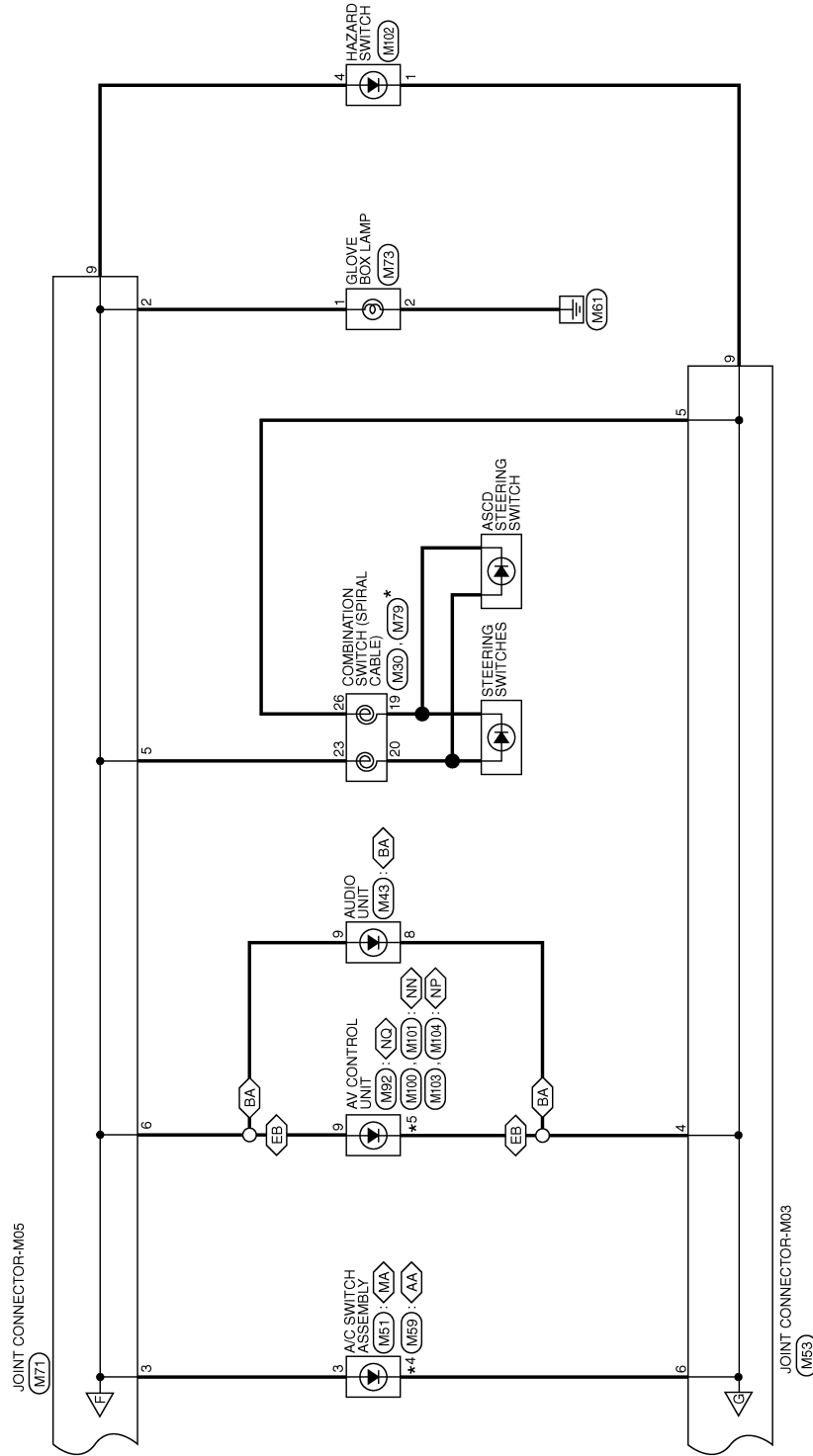
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ILLUMINATION

< WIRING DIAGRAM >

- AA : WITH AUTO A/C
- BA : WITH BASE AUDIO SYSTEM
- EB : EXCEPT BASE AUDIO SYSTEM
- MA : WITHOUT AUTO A/C
- NN : WITH NAVIGATION SYSTEM AND BOSE AUDIO SYSTEM
- NP : WITH NAVIGATION SYSTEM WITHOUT BOSE AUDIO SYSTEM
- NG : WITH DISPLAY AUDIO SYSTEM

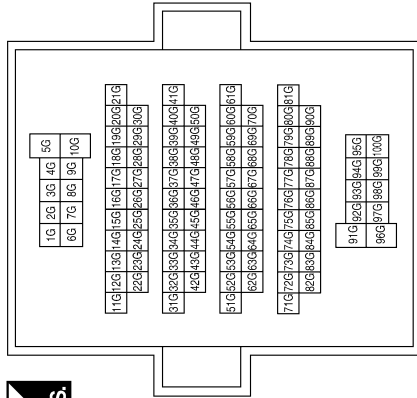


* : THIS CONNECTOR IS NOT SHOWN IN "HARNES LAYOUT" OF PG SECTION.

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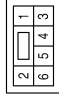
ILLUMINATION CONNECTORS

Connector No.	M2
Connector Name	WIRED TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
10G	Y	-
30G	V	-
95G	P	-
100G	L	-

Connector No.	M11
Connector Name	HEATED SEAT SWITCH RH
Connector Color	BROWN



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

Connector No.	M12
Connector Name	HEATED SEAT SWITCH LH
Connector Color	WHITE



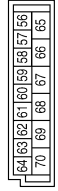
Terminal No.	Color of Wire	Signal Name
1	B	-
2	V	-

Connector No.	M15
Connector Name	TRUNK LID OPENER SWITCH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
3	G	-
4	B	-

Connector No.	M20
Connector Name	BCM (BODY CONTROL MODULE) (WITHOUT INTELLIGENT KEY SYSTEM)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
63	O	BATTERY (FUSE)
65	B	GND
70	Y	BATTERY (FL)

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INL

ILLUMINATION

< WIRING DIAGRAM >

Connector No.	M21
Connector Name	BCM (BODY CONTROL MODULE) (WITHOUT INTELLIGENT KEY SYSTEM)
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
2	L	COMBINATION SW INPUT 5
3	GR	COMBINATION SW INPUT 4
4	BR	COMBINATION SW INPUT 3
5	O	COMBINATION SW INPUT 2
6	W	COMBINATION SW INPUT 1

Terminal No.	Color of Wire	Signal Name
11	G	ACC SW
14	SB	AUTO LIGHT SENSOR INPUT 1 (& 2)
17	Y	AUTO LIGHT SENSOR POWER SUPPLY OUTPUT
18	V	KEYLESS & AUTO LIGHT SENSOR GND
32	LG	COMBINATION SW OUTPUT 5
33	Y	COMBINATION SW OUTPUT 4
34	V	COMBINATION SW OUTPUT 3
35	R	COMBINATION SW OUTPUT 2
36	SB	COMBINATION SW OUTPUT 1
38	R	IGN SW
39	L	CAN-H
40	P	CAN-L

Connector No.	M24
Connector Name	COMBINATION METER
Connector Color	WHITE



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
1	L	CAN-H
2	P	CAN-L
13	B	ILL CONT OUTPUT
21	B	GND (ILL)
22	B	GND2 (POWER)
23	B	GND3 (CIRCUIT)
27	LG	BAT
28	GR	IGN
33	R	ILL CONT SW +
34	Y	ILL CONT SW -

Connector No.	M25
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Color	WHITE



4	3	2	1
5	6	7	8

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

Connector No.	M28
Connector Name	COMBINATION SWITCH
Connector Color	WHITE



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

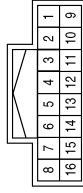
Terminal No.	Color of Wire	Signal Name
2	GR	-
5	BR	-

Terminal No.	Color of Wire	Signal Name
7	V	-
8	L	-
9	R	-
10	Y	-
11	SB	-
12	W	-
13	LG	-
14	O	-

ILLUMINATION

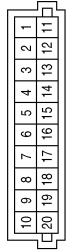
< WIRING DIAGRAM >

Connector No.	M38
Connector Name	CVT SHIFT SELECTOR
Connector Color	WHITE



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

Connector No.	M31
Connector Name	JOINT CONNECTOR-M01
Connector Color	GRAY



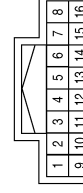
Terminal No.	Color of Wire	Signal Name
5	P	-
9	P	-
10	P	-
15	L	-
19	L	-
20	L	-

Connector No.	M30
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Color	YELLOW



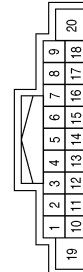
Terminal No.	Color of Wire	Signal Name
23	W	-
26	B	-

Connector No.	M51
Connector Name	A/C SWITCH ASSEMBLY (WITHOUT AUTO A/C)
Connector Color	WHITE



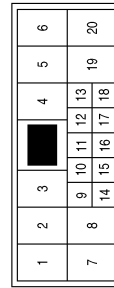
Terminal No.	Color of Wire	Signal Name
3	P	-
11	B	-

Connector No.	M43
Connector Name	AUDIO UNIT (WITH BASE AUDIO SYSTEM)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
8	GR	ILL (-)
9	R	ILL (+)

Connector No.	M41
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
19	V	-
20	B/W	-

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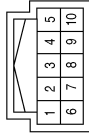
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ILLUMINATION

< WIRING DIAGRAM >

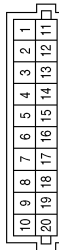
Connector No.	M59
Connector Name	A/C SWITCH ASSEMBLY (WITH AUTO A/C)
Connector Color	BLACK



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

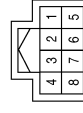
Terminal No.	Color of Wire	Signal Name
6	B	-
7	B	-
8	B	-
9	B	-
10	B	-
14	P	-
15	P	-
19	L	-
20	L	-

Connector No.	M53
Connector Name	JOINT CONNECTOR-M03
Connector Color	PINK



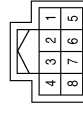
Terminal No.	Color of Wire	Signal Name
1	GR	-
2	B	-
3	B	-
4	GR	-
5	B	-

Connector No.	M66
Connector Name	ILLUMINATION CONTROL SWITCH
Connector Color	WHITE



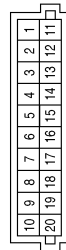
Terminal No.	Color of Wire	Signal Name
1	R	-
2	Y	-
4	B	-
6	O	-
8	B	-

Connector No.	M64
Connector Name	VDC OFF SWITCH
Connector Color	BLACK



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

Connector No.	M60
Connector Name	JOINT CONNECTOR-M06
Connector Color	BLUE



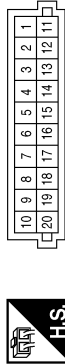
Terminal No.	Color of Wire	Signal Name
5	LG	-
9	W	-
18	G	-
20	L	-

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ILLUMINATION

< WIRING DIAGRAM >

Connector No.	M71
Connector Name	JOINT CONNECTOR-M05
Connector Color	PINK



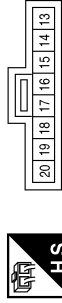
Terminal No.	Color of Wire	Signal Name
1	O	-
2	GR	-
3	P	-
4	L	-
5	W	-
6	R	-
7	G	-
8	LG	-
9	BR	-
10	V	-

Connector No.	M73
Connector Name	GLOVE BOX LAMP
Connector Color	WHITE



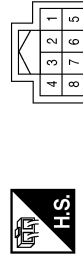
Terminal No.	Color of Wire	Signal Name
1	GR	-
2	B	-

Connector No.	M79
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
19	Y	-
20	W	-

Connector No.	M81
Connector Name	SPORT MODE SWITCH
Connector Color	BLUE



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

Connector No.	M82
Connector Name	ECO MODE SWITCH
Connector Color	GRAY



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

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ILLUMINATION

< WIRING DIAGRAM >

Terminal No.	Color of Wire	Signal Name
32	LG	COMBINATION SW OUTPUT 5
33	Y	COMBINATION SW OUTPUT 4
34	V	COMBINATION SW OUTPUT 3
35	R	COMBINATION SW OUTPUT 2
36	SB	COMBINATION SW OUTPUT 1
39	L	CAN-H
40	P	CAN-L

Connector No.	M84
Connector Name	BCM (BODY CONTROL MODULE) (WITH INTELLIGENT KEY SYSTEM)
Connector Color	BLACK



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
2	L	COMBINATION SW INPUT 5
3	GR	COMBINATION SW INPUT 4
4	BR	COMBINATION SW INPUT 3
5	O	COMBINATION SW INPUT 2
6	W	COMBINATION SW INPUT 1

Connector No.	M83
Connector Name	BCM (BODY CONTROL MODULE) (WITH INTELLIGENT KEY SYSTEM)
Connector Color	WHITE



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
41	W	HIGH SIDE ENGINE SW ILLUMINATION LED
79	R	LOW SIDE ENGINE START SW ILLUMINATION LED OUTPUT

Connector No.	M92
Connector Name	AV CONTROL UNIT (WITH DISPLAY AUDIO SYSTEM)
Connector Color	WHITE



1	2	3	4	5	6	7	8	9	
10	11	12	13	14	15	16	17	18	20

Connector No.	M88
Connector Name	DIODE-3
Connector Color	BLACK



1	2
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Terminal No.	Color of Wire	Signal Name
8	GR	ILL (-)
9	R	ILL (+)

Connector No.	M85
Connector Name	BCM (BODY CONTROL MODULE) (WITH INTELLIGENT KEY SYSTEM)
Connector Color	WHITE



89	88	87	86	85	84	83	82	81
95	94	93	92	91	90			

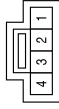
Terminal No.	Color of Wire	Signal Name
88	O	BATTERY (FUSE)
90	Y	BATTERY (F/L)
93	B	GND (POWER)

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ILLUMINATION

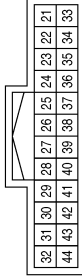
< WIRING DIAGRAM >

Connector No.	M102
Connector Name	HAZARD SWITCH
Connector Color	WHITE



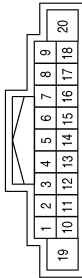
Terminal No.	Color of Wire	Signal Name
1	B	-
4	BR	-

Connector No.	M101
Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM WITH BOSE AUDIO SYSTEM)
Connector Color	WHITE



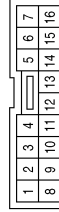
Terminal No.	Color of Wire	Signal Name
44	GR	ILL (-)

Connector No.	M100
Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM WITH BOSE AUDIO SYSTEM)
Connector Color	WHITE



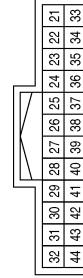
Terminal No.	Color of Wire	Signal Name
9	R	ILL (+)

Connector No.	M129
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Color	WHITE



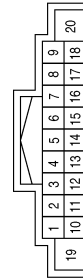
Terminal No.	Color of Wire	Signal Name
15	B	-
16	G	-

Connector No.	M104
Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM WITHOUT BOSE AUDIO SYSTEM)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
44	GR	ILL (-)

Connector No.	M103
Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM WITHOUT BOSE AUDIO SYSTEM)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
9	R	ILL (+)

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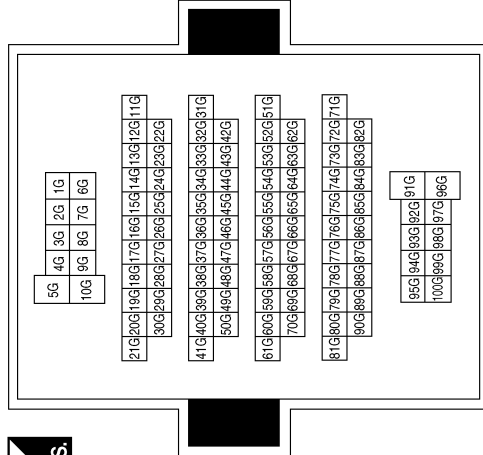
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ILLUMINATION

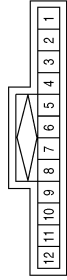
< WIRING DIAGRAM >

Terminal No.	Color of Wire	Signal Name
10G	G	-
30G	V	-
95G	P	-
100G	L	-

Connector No.	E4
Connector Name	WIRE TO WIRE
Connector Color	WHITE

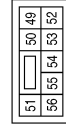


Connector No.	E2
Connector Name	JOINT CONNECTOR-E02
Connector Color	BLUE



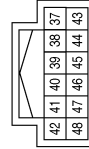
Terminal No.	Color of Wire	Signal Name
1	L	-
5	L	-
8	P	-
12	P	-

Connector No.	E47
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Color	BROWN



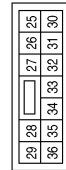
Terminal No.	Color of Wire	Signal Name
52	B/Y	GND (SIGNAL)

Connector No.	E46
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
40	P	CAN-L
41	L	CAN-H

Connector No.	E45
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Color	BROWN



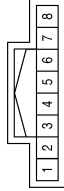
Terminal No.	Color of Wire	Signal Name
33	V	CLEARANCE/L LH

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ILLUMINATION

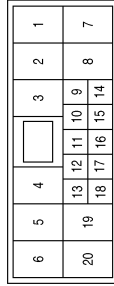
< WIRING DIAGRAM >

Connector No.	R3
Connector Name	MAP LAMP
Connector Color	WHITE



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

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
19	L	-
20	G	-

Connector No.	E48
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
57	B/Y	GND (POWER)

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DIAGNOSIS AND REPAIR WORKFLOW

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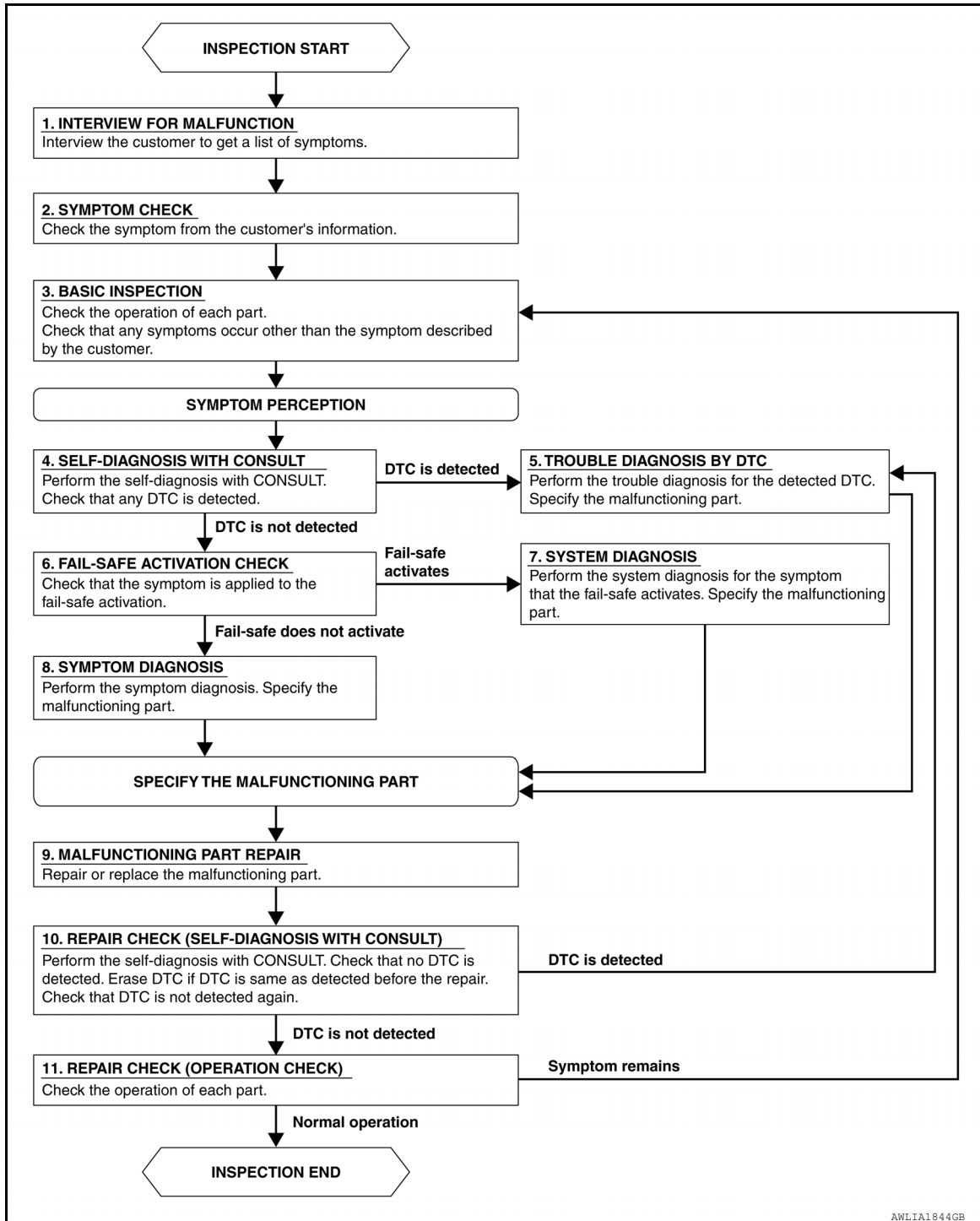
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORKFLOW

Work Flow

INFOID:000000011539833

OVERALL SEQUENCE



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DIAGNOSIS AND REPAIR WORKFLOW

< 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-DIAGNOSIS WITH CONSULT

Perform the self-diagnosis with CONSULT. 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-51, "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-DIAGNOSIS WITH CONSULT)

Perform the self-diagnosis with CONSULT. 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?

YES >> GO TO 5.

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DIAGNOSIS AND REPAIR WORKFLOW

< BASIC INSPECTION >

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.

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY AND GROUND CIRCUIT

BCM (BODY CONTROL SYSTEM) (WITH INTELLIGENT KEY SYSTEM)

BCM (BODY CONTROL SYSTEM) (WITH INTELLIGENT KEY SYSTEM) : Diagnosis Procedure

INFOID:000000011896226

Regarding Wiring Diagram information, refer to [BCS-51, "Wiring Diagram"](#).

1. CHECK FUSES AND FUSIBLE LINK

Check that the following fuses and fusible link are not blown.

Terminal No.	Signal name	Fuses and fusible link No.
88	Battery power supply	12 (10A)
90		G (40A)

Is the fuse blown?

- YES >> Replace the blown fuse or fusible link after repairing the affected circuit.
NO >> GO TO 2.

2. CHECK POWER SUPPLY CIRCUIT

1. Disconnect BCM connector M85.
2. Check voltage between BCM connector M85 and ground.

BCM		Ground	Voltage
Connector	Terminal		
M85	88	—	Battery voltage
	90		

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair harness or connector.

3. CHECK GROUND CIRCUIT

Check continuity between BCM connector M85 and ground.

BCM		Ground	Continuity
Connector	Terminal		
M85	93	—	Yes

Is the inspection result normal?

- YES >> Inspection End.
NO >> Repair harness or connector.

BCM (BODY CONTROL SYSTEM) (WITHOUT INTELLIGENT KEY SYSTEM)

BCM (BODY CONTROL SYSTEM) (WITHOUT INTELLIGENT KEY SYSTEM) : Diagnosis Procedure

INFOID:000000011896227

Regarding Wiring Diagram information, refer to [BCS-115, "Wiring Diagram"](#).

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

1. CHECK FUSES AND FUSIBLE LINK

Check that the following fuses and fusible link are not blown.

Terminal No.	Signal name	Fuses and fusible link No.
63	Battery power supply	12 (10A)
70		G (40A)
11	Ignition switch ACC or ON	18 (10A)

Is the fuse blown?

YES >> Replace the blown fuse or fusible link after repairing the affected circuit.

NO >> GO TO 2.

2. CHECK POWER SUPPLY CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect BCM connectors.
3. Check voltage between BCM connector and ground.

BCM		Ground	Ignition switch position		
Connector	Terminal		OFF	ACC	ON
M20	63	—	Battery voltage	Battery voltage	Battery voltage
	70		Battery voltage	Battery voltage	Battery voltage
M21	11	—	0 V	Battery voltage	Battery voltage

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair harness or connector.

3. CHECK GROUND CIRCUIT

Check continuity between BCM connector and ground.

BCM		Ground	Continuity
Connector	Terminal		
M20	65	—	Yes

Is the inspection result normal?

YES >> Inspection End.

NO >> Repair harness or connector.

BATTERY SAVER OUTPUT/POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

BATTERY SAVER OUTPUT/POWER SUPPLY CIRCUIT

Description

INFOID:0000000011539836

Provides the battery saver output/power supply. Also cuts the power supply when the interior lamp battery saver is activated.

Component Function Check

INFOID:0000000011539837

1. CHECK BATTERY SAVER OUTPUT/POWER SUPPLY FUNCTION

CONSULT

1. Turn ignition switch ON.
2. Turn each interior lamp to the ON position.
 - Interior room lamp
 - Vanity mirror lamps
 - Map lamp
 - Trunk room lamp
3. Select BATTERY SAVER of BCM (BATTERY SAVER) active test item.
4. While operating the test item, check that each interior room lamp turns ON/OFF.

OFF : Interior room lamp OFF

ON : Interior room lamp ON

Is the inspection result normal?

YES >> Battery saver output/power supply circuit is normal.

NO >> Refer to [INL-43, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:0000000011539838

Regarding Wiring Diagram information, refer to [INL-17, "Wiring Diagram"](#).

1. CHECK BATTERY SAVER OUTPUT/POWER SUPPLY OUTPUT

CONSULT

1. Turn ignition switch ON.
2. Select BATTERY SAVER of BCM (BATTERY SAVER) active test item.
3. While operating the test item, check voltage between BCM connector and ground.

With Intelligent Key

BCM		Ground	Test item	Voltage
Connector	Terminal		BATTERY SAVER	
M85	89		OFF	0V
			ON	Battery voltage

Without Intelligent Key

BCM		Ground	Test item	Voltage
Connector	Terminal		BATTERY SAVER	
M20	62		OFF	0V
			ON	Battery voltage

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace BCM after making sure battery saver output/power supply circuit is not shorted to voltage. Refer to [BCS-76, "Removal and Installation"](#) (with Intelligent Key) or [BCS-133, "Removal and Installation"](#) (without Intelligent Key).

2. CHECK BATTERY SAVER OUTPUT/POWER SUPPLY OPEN CIRCUIT

BATTERY SAVER OUTPUT/POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

1. Turn ignition switch OFF.
2. Disconnect the following connectors.
 - BCM
 - Interior room lamp
 - Vanity mirror lamp LH
 - Vanity mirror lamp RH
 - Map lamp
 - Trunk room lamp
3. Check continuity between BCM connector and each interior lamp connector.

With Intelligent Key

BCM		Each interior lamp			Continuity
Connector	Terminal	Connector		Terminal	
M85	89	Interior room lamp	R5	3	Yes
		Vanity mirror lamp LH	R7	2	
		Vanity mirror lamp RH	R8	2	
		Map lamp	R3	1	
		Trunk room lamp	B58	1	

Without Intelligent Key

BCM		Each interior lamp			Continuity
Connector	Terminal	Connector		Terminal	
M20	62	Interior room lamp	R5	3	Yes
		Vanity mirror lamp LH	R7	2	
		Vanity mirror lamp RH	R8	2	
		Map lamp	R3	1	
		Trunk room lamp	B58	1	

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Repair or replace the harness or connector.

3. CHECK BATTERY SAVER OUTPUT/POWER SUPPLY SHORT CIRCUIT

Check continuity between BCM connector and ground.

With Intelligent Key

Connector	Terminal	—	Continuity
M85	89	Ground	No

Without Intelligent Key

Connector	Terminal	—	Continuity
M20	62	Ground	No

Is the inspection result normal?

- YES >> Check that each interior room lamp has no internal short circuit.
 NO >> Repair or replace the harness or connector.

INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

INTERIOR ROOM LAMP CONTROL CIRCUIT

Description

INFOID:0000000011539839

Controls each interior room lamp (ground side) by PWM signal.

NOTE:

PWM signal control period is approximately 250 Hz (in the gradual brightening/dimming).

Component Function Check

INFOID:0000000011539840

CAUTION:

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

- Interior room lamp power supply
- Room lamp bulb
- Map lamp bulb

1. CHECK INTERIOR ROOM LAMP CONTROL FUNCTION

ⓐ CONSULT ACTIVE TEST

1. Set the map lamp switch or room lamp switch to DOOR.
2. Turn ignition switch ON.
3. Select INT LAMP of BCM (INT LAMP) active test item.
4. While operating the test items, check that each interior room lamp turns ON/OFF (gradual brightening/dimming).

On : Interior room lamp gradual brightening

Off : Interior room lamp gradual dimming

Does the interior room lamp turn ON/OFF (gradual brightening/dimming)?

YES >> Interior room lamp control circuit is normal.

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

Diagnosis Procedure

INFOID:0000000011539841

Regarding Wiring Diagram information, refer to [INL-17. "Wiring Diagram"](#).

1. CHECK INTERIOR ROOM LAMP CONTROL OUTPUT

ⓐ CONSULT ACTIVE TEST

1. Turn ignition switch OFF.
2. Remove all the bulbs of room lamp and map lamp.
3. Turn ignition switch ON.
4. Select INT LAMP of BCM (INT LAMP) active test item.
5. While operating the test item, check continuity between BCM harness connector and ground.

With Intelligent Key

BCM		Ground	Test item		Continuity
Connector	Terminal		INT LAMP		
M85	82			On	Yes
			Off	No	

Without Intelligent Key

BCM		Ground	Test item		Continuity
Connector	Terminal		INT LAMP		
M20	60			On	Yes
			Off	No	

Is the inspection result normal?

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

Fixed ON>>GO TO 3.

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INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

Fixed OFF>>GO TO 2.

2. CHECK INTERIOR ROOM LAMP CONTROL OPEN CIRCUIT

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

With Intelligent Key

BCM		Room lamp		Map lamp		Continuity
Connector	Terminal	Connector	Terminal	Connector	Terminal	
M85	82	R5	2	R3	3	Yes

Without Intelligent Key

BCM		Room lamp		Map lamp		Continuity
Connector	Terminal	Connector	Terminal	Connector	Terminal	
M20	60	R5	2	R3	3	Yes

Is the inspection result normal?

YES >> Check interior room lamps for an open. If NG, replace lamp in question. Refer to [INL-55, "Removal and Installation"](#) (room lamp) or [INL-52, "Removal and Installation"](#) (map lamp). If OK, replace BCM. Refer to [BCS-76, "Removal and Installation"](#) (with Intelligent Key), [BCS-133, "Removal and Installation"](#) (without Intelligent Key).

NO >> Repair or replace harness or connector.

3. CHECK INTERIOR ROOM LAMP CONTROL SHORT TO GROUND

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

With Intelligent Key

BCM		Ground	Continuity
Connector	Terminal		
M85	82		No

Without Intelligent Key

BCM		Ground	Continuity
Connector	Terminal		
M20	60		No

Is the inspection result normal?

YES >> Check interior room lamps for an internal short to ground. If NG, replace lamp in question. Refer to [INL-55, "Removal and Installation"](#) (room lamp) or [INL-52, "Removal and Installation"](#) (map lamp). If OK, replace BCM. Refer to [BCS-76, "Removal and Installation"](#) (with Intelligent Key), [BCS-133, "Removal and Installation"](#) (without Intelligent Key).

NO >> Repair or replace harness or connector.

TRUNK ROOM LAMP CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

TRUNK ROOM LAMP CIRCUIT

Description

INFOID:0000000011539842

Controls the trunk room lamp (ground side) to turn the trunk room lamp ON and OFF.

Diagnosis Procedure

INFOID:0000000011539843

Regarding Wiring Diagram information, refer to [INL-17, "Wiring Diagram"](#).

CAUTION:

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

- Interior room lamp power supply
- Trunk room lamp bulb

1. CHECK TRUNK ROOM LAMP OUTPUT

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

With Intelligent Key

BCM		Ground	Condition		Continuity
Connector	Terminal		Trunk lid		
B24	96				Open: On
			Closed: Off		No

Without Intelligent Key

BCM		Ground	Condition		Continuity
Connector	Terminal		Trunk lid		
B57	50				Open: On
			Closed :Off		No

Is the inspection result normal?

- YES >> Trunk room lamp control circuit is operating normally.
 Fixed ON>>GO TO 3.
 Fixed OFF>>GO TO 2.

2. CHECK TRUNK ROOM LAMP OPEN CIRCUIT

Check continuity between BCM harness connector and trunk room lamp harness connector.

With Intelligent Key

BCM		Trunk room lamp		Continuity
Connector	Terminal	Connector	Terminal	
B24	96	B58	2	Yes

Without Intelligent Key

BCM		Trunk room lamp		Continuity
Connector	Terminal	Connector	Terminal	
B57	50	B58	2	Yes

Is the inspection result normal?

- YES >> Check trunk room lamp for an open. If NG, replace lamp. Refer to [INL-56, "Removal and Installation"](#). If OK, replace BCM. Refer to [BCS-76, "Removal and Installation"](#) (with Intelligent Key), [BCS-133, "Removal and Installation"](#) (without Intelligent Key).
- NO >> Repair or replace harness or connector.

3. CHECK TRUNK ROOM LAMP SHORT TO GROUND

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

TRUNK ROOM LAMP CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

With Intelligent Key

BCM		Ground	Continuity
Connector	Terminal		
B24	96		No

Without Intelligent Key

BCM		Ground	Continuity
Connector	Terminal		
B57	50		No

Is the inspection result normal?

- YES >> Check trunk room lamp for an internal short to ground. If NG, replace lamp. Refer to [INL-56, "Removal and Installation"](#). If OK, replace BCM. Refer to [BCS-76, "Removal and Installation"](#) (with Intelligent Key), [BCS-133, "Removal and Installation"](#) (without Intelligent Key).
- NO >> Repair or replace harness or connector.

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

Description

INFOID:0000000011539844

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

Component Function Check

INFOID:0000000011539845

1.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION OPERATION

CONSULT ACTIVE TEST

1. Turn the ignition switch ON.
2. Select ENGINE SW ILLUMI of BCM (INTELLIGENT KEY) active test item.
3. With 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-49, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:0000000011539846

Regarding Wiring Diagram information, refer to [INL-26, "Wiring Diagram"](#).

1.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION POWER SUPPLY OUTPUT

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

(+) Push-button ignition switch		(-)	Condition	Voltage (Approx.)	
Connector	Terminal				
M25	5	Ground	Push-button ignition switch illumination	ON	5 V
			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. Disconnect BCM connector.
2. Check continuity between BCM harness connector and the push-button ignition switch harness connector.

BCM		Push-button ignition switch		Continuity
Connector	Terminal	Connector	Terminal	
M83	41	M25	5	Yes

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace harness or connector.

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

Check continuity between BCM harness connector and ground.

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

BCM		Ground	Continuity
Connector	Terminal		
M83	41		No

Is the inspection result normal?

YES >> Replace BCM. Refer to [BCS-76. "Removal and Installation"](#).

NO >> Repair or replace harness or connector.

4. CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION GROUND CIRCUIT

Check continuity between push-button ignition switch harness connector and ground.

Push-button ignition switch		Ground	Continuity
Connector	Terminal		
M25	6		Yes

Is the inspection result normal?

YES >> Replace push-button ignition switch. Refer to [SEC-136. "Removal and Installation"](#).

NO >> Repair or replace harness or connector.

INTERIOR LIGHTING SYSTEM SYMPTOMS

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

INTERIOR LIGHTING SYSTEM SYMPTOMS

Symptom Table

INFOID:000000011539847

CAUTION:

Perform the self-diagnosis with CONSULT before the symptom diagnosis. Perform the trouble diagnosis if any DTC is detected.

Symptom	Possible cause	Inspection item
<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-109 (with Intelligent Key), DLK-260 (without Intelligent Key).
		Interior room lamp control circuit Refer to INL-45 .
Interior room lamp timer does not activate. (It turns ON/ OFF when the door opens/closes.)	—	Check the interior room lamp setting. Refer to BCS-18 (with Intelligent Key), BCS-92 (without Intelligent Key).
Push-button ignition switch illumination does not illuminate.	<ul style="list-style-type: none"> Harness between BCM and push-button ignition switch Harness between push-button ignition switch and ground Push-button ignition switch BCM 	Push-button ignition switch illumination circuit Refer to INL-49 .
Interior room lamp battery saver does not activate.	—	Check the interior room lamp battery saver setting. Refer to BCS-25 (with Intelligent Key), BCS-98 (without Intelligent Key).
Trunk room lamp does not turn ON even though the trunk lid is open.	<ul style="list-style-type: none"> Harness between BCM and trunk room lamp Harness between BCM and trunk lid opener assembly (trunk lid switch). BCM 	Trunk lid opener assembly (trunk lid switch) circuit Refer to DLK-118 (with Intelligent Key), DLK-282 (without Intelligent Key).
		Trunk room lamp circuit Refer to INL-47 .

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MAP LAMP

< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

MAP LAMP

Removal and Installation

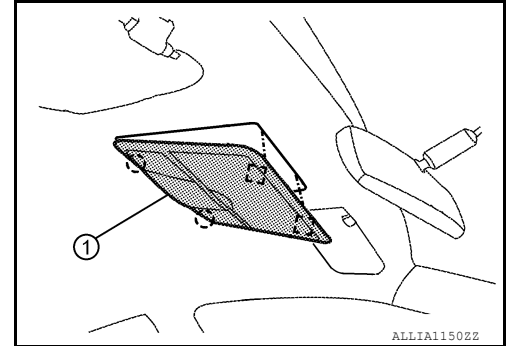
INFOID:000000011539848

REMOVAL

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

□: Metal clip

○: Pawl



2. Disconnect the harness connectors from the map lamp and remove.

INSTALLATION

Installation is in the reverse order of removal.

Bulb Replacement

INFOID:000000011539849

The map lamp LED bulbs are replaced as part of the map lamp. Refer to [INL-52. "Removal and Installation"](#).

VANITY MIRROR LAMP

< REMOVAL AND INSTALLATION >

VANITY MIRROR LAMP

Removal and Installation

INFOID:000000011539850

CAUTION:

Do not attempt to separate the vanity mirror lamp from the sun visor or damage to the components may occur.

NOTE:

The vanity mirror lamp is replaced as part of the sun visor. Refer to [INT-40. "Removal and Installation"](#).

Bulb or Lens Replacement

INFOID:000000011539851

WARNING:

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

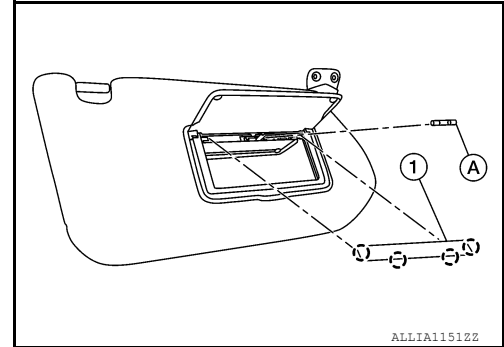
CAUTION:

- Do not attempt to separate the vanity mirror lamp from the sun visor or damage to the components may occur.
- 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 pawls on the vanity mirror lamp lens (1) using a suitable tool.

○: Pawl

2. Remove the bulb (A) using a suitable tool.



3. Install bulb to vanity mirror lamp.
4. Install the vanity mirror lamp lens.

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GLOVE BOX LAMP

< REMOVAL AND INSTALLATION >

GLOVE BOX LAMP

Removal and Installation

INFOID:000000011539852

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.

REMOVAL

1. Remove the glove box assembly. Refer to [IP-22, "Removal and Installation"](#).
2. Rotate the glove box lamp socket assembly counterclockwise and remove.
3. Remove the glove box lamp housing.

INSTALLATION

1. Install the glove box lamp housing.
2. Insert bulb socket into glove box lamp housing and rotate clockwise to lock in position.
3. Install glove box assembly. Refer to [IP-22, "Removal and Installation"](#).

Bulb Replacement

INFOID:000000011539853

The glove box lamp bulb is serviced as part of the glove box lamp socket. Refer to [INL-54, "Removal and Installation"](#).

INTERIOR ROOM LAMP

< REMOVAL AND INSTALLATION >

INTERIOR ROOM LAMP

Removal and Installation

INFOID:0000000011539854

REMOVAL

1. Insert a suitable tool into the gap between the headlining and the interior room lamp and release the interior room lamp.
2. Disconnect the harness connector from the interior room lamp.

INSTALLATION

Installation is in the reverse order of removal.

Bulb or Lens Replacement

INFOID:0000000011539855

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. Using a suitable tool, release the pawls and remove the interior room lamp lens from the interior room lamp.
2. Remove the interior room lamp bulb.
3. Install the interior room lamp bulb to the interior room lamp.
4. Install the interior room lamp lens.

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TRUNK ROOM LAMP

< REMOVAL AND INSTALLATION >

TRUNK ROOM LAMP

Removal and Installation

INFOID:0000000011539856

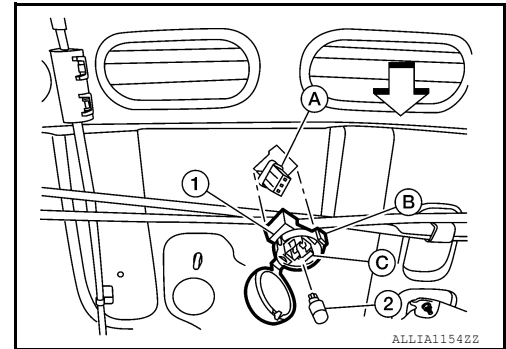
WARNING:

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



INSTALLATION

Installation is in the reverse order of removal.

Bulb Replacement

INFOID:0000000011539857

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 tab to open the lens.
2. Remove bulb from trunk room lamp.
3. Install bulb to trunk room lamp.
4. Close lens.

ILLUMINATION CONTROL SWITCH

< REMOVAL AND INSTALLATION >

ILLUMINATION CONTROL SWITCH

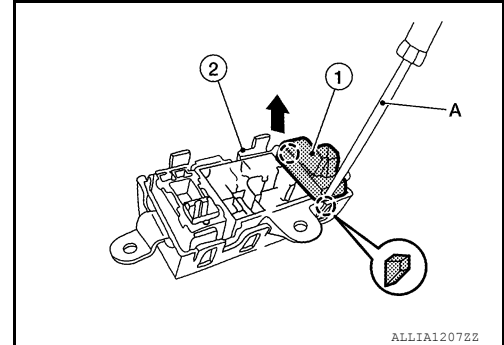
Removal and Installation

INFOID:0000000011539858

REMOVAL

1. Remove instrument finisher D. Refer to [IP-14. "Exploded View"](#).
2. Remove the illumination control switch (1) from the switch carrier (2) using suitable tool (A).

⊖: Pawl



INSTALLATION

Installation is in the reverse order of removal.

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SERVICE DATA AND SPECIFICATIONS (SDS)

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SERVICE DATA AND SPECIFICATIONS (SDS)

Bulb Specifications

INFOID:0000000011539859

Item	Wattage (W)*
Map lamp	-
Vanity mirror lamp (if equipped)	-
Glove box lamp	-
Interior room lamp (if equipped)	8
Trunk room lamp	3.4

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