

INL

SECTION

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:000000009541368

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:000000009445821

- 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 >

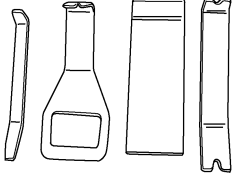
PREPARATION

PREPARATION

Special Service Tool

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The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description
— (J-46534) Trim Tool Set  AWJIA0483ZZ	Removing trim components

COMPONENT PARTS

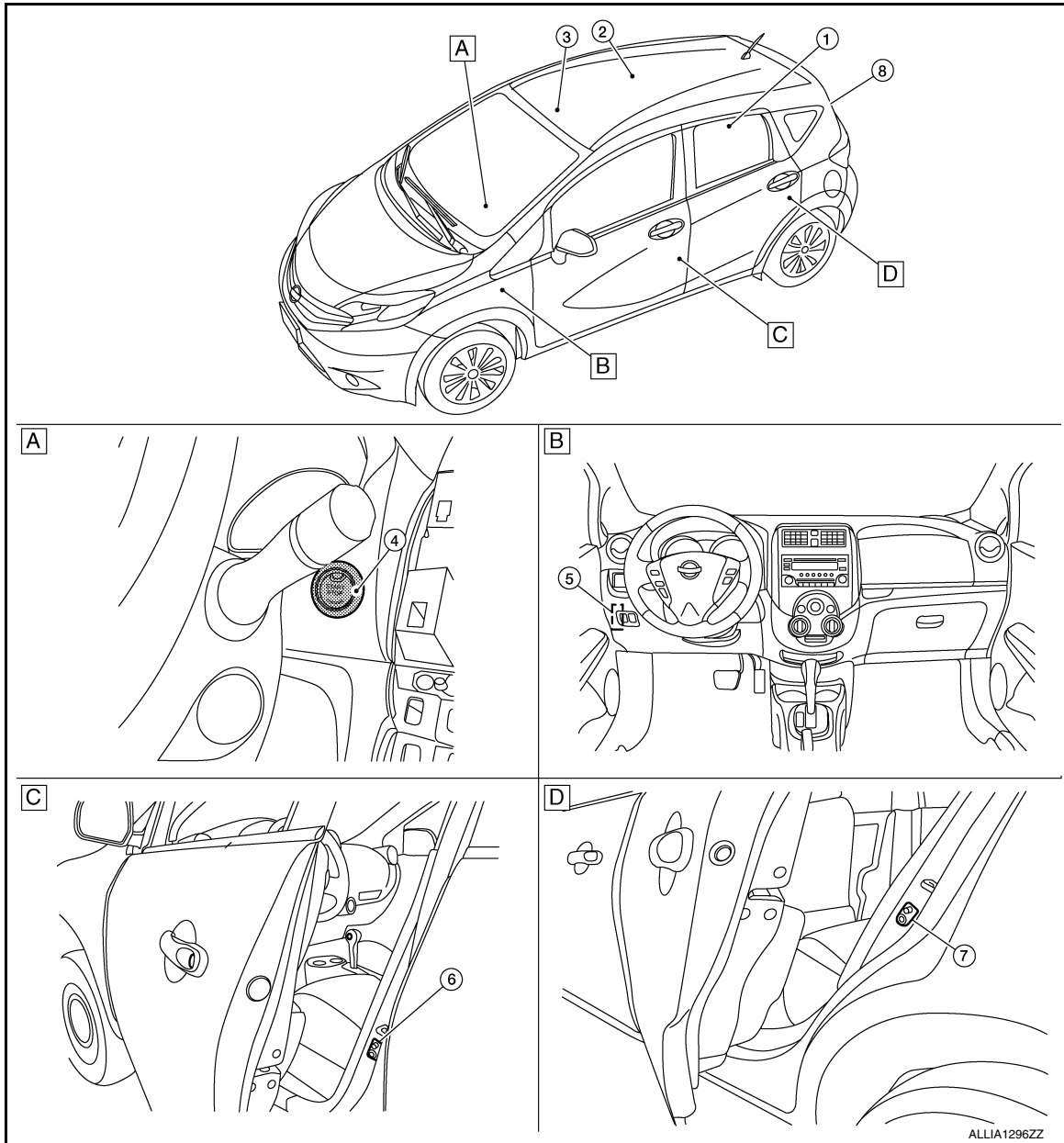
< SYSTEM DESCRIPTION >

SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:000000009560561



- A. View right of steering column B. Instrument panel view
C. B-pillar LH side (view with door open) D. C-pillar LH side (view with door open)

No.	Part	Description
1.	Cargo lamp	Refer to INL-43, "Bulb Specifications" .
2.	Interior room lamp	Refer to INL-43, "Bulb Specifications" .
3.	Map lamp	Refer to INL-43, "Bulb Specifications" .
4.	Push-button ignition switch	Refer to STR-4, "STARTING SYSTEM : Component Parts Location" .

COMPONENT PARTS

< SYSTEM DESCRIPTION >

No.	Part	Description
5.	BCM	- 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 cut the interior room lamp power supply. - Detects each switch condition by the combination switch reading function. - Judges the illumination lamp ON/OFF status depending on the vehicle condition. And then it transmits position light request signal to IPDM E/R and combination meter (with CAN communication). Refer to BCS-4, "BODY CONTROL SYSTEM : Component Parts Location" for detailed installation location.
6.	Front door switch LH (RH side similar)	Refer to EXL-6, "Component Parts Location" .
7.	Rear door switch LH (RH side similar)	Refer to EXL-6, "Component Parts Location" .
8.	Back door switch	Refer to EXL-6, "Component Parts Location" .

SYSTEM

< SYSTEM DESCRIPTION >

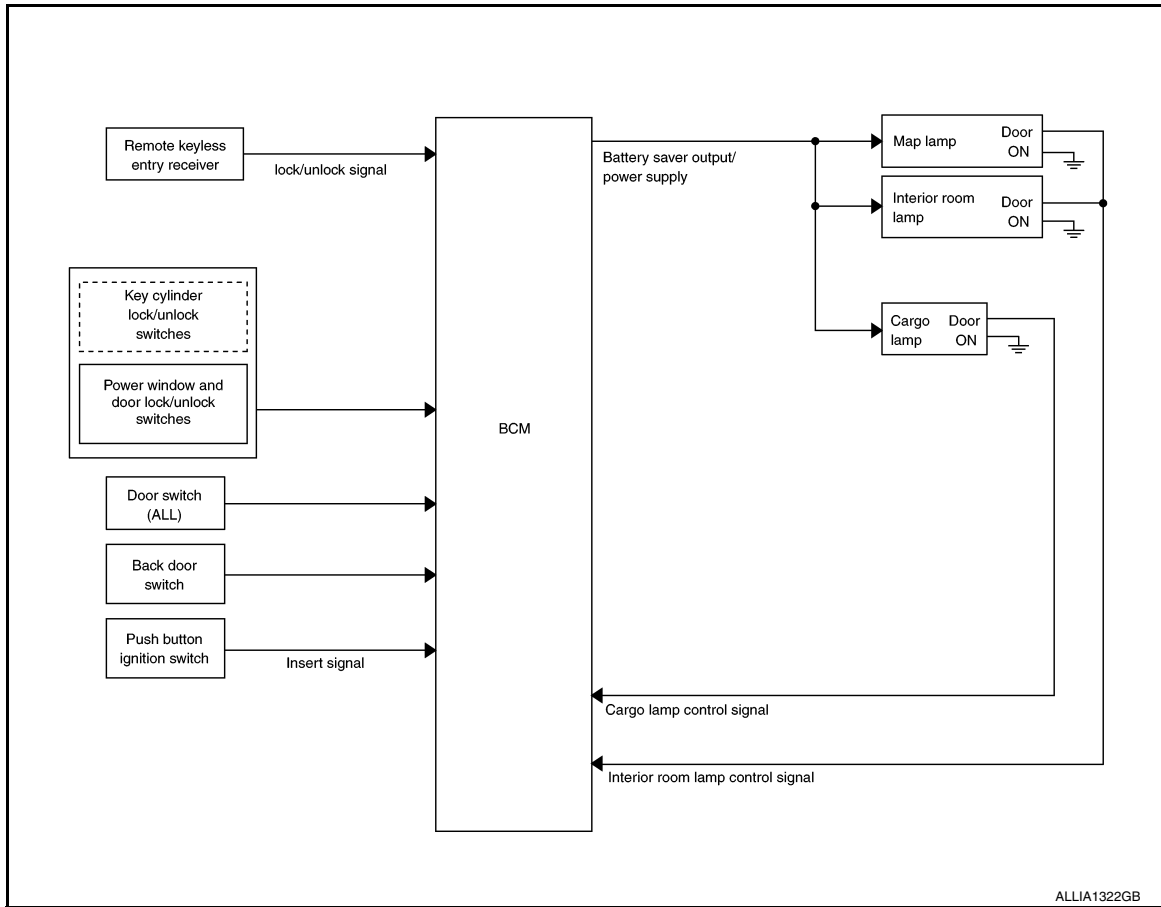
SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM : System Description

INFOID:000000009671253

SYSTEM DIAGRAM



OUTLINE

- Interior room lamp is controlled by the interior room lamp timer control function of the BCM.
- Cargo lamp is controlled by the cargo 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.

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 15 minutes after the ignition switch is turned OFF.

SYSTEM

< SYSTEM DESCRIPTION >

The BCM controls power and ground to all interior lamps.

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).

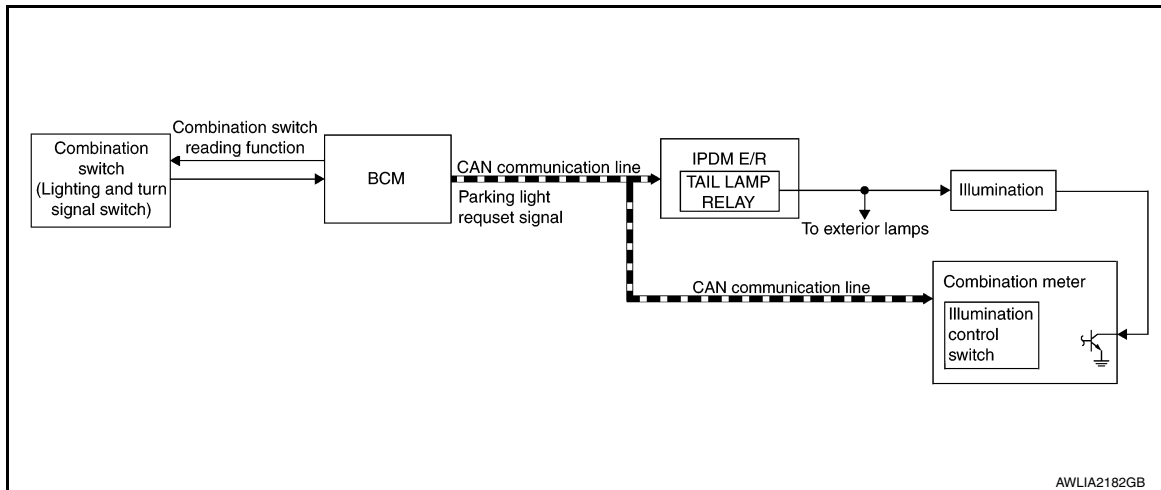
The interior lamp battery saver control time period can be changed with the function setting of CONSULT.

ILLUMINATION CONTROL SYSTEM

ILLUMINATION CONTROL SYSTEM : System Description

INFOID:000000009671255

SYSTEM DIAGRAM



OUTLINE

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 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 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 after 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:000000009578847

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	- 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	HEAD LAMP			×	×	×		
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			×	×	×		
Vehicle security system	THEFT ALM			×	×	×		
RAP system	RETAINED PWR			×		×		
Signal buffer system	SIGNAL BUFFER			×				

INT LAMP

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

INT LAMP : CONSULT Function (BCM - INT LAMP)

INFOID:000000009578848

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 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 back door 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.
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	Sets the interior room lamp ON time. (Timer operating time).
	30 sec.	
	MODE 3*	
	15 sec.	
	MODE 2	
	7.5 sec.	

*: Initial setting

BATTERY SAVER

BATTERY SAVER : CONSULT Function (BCM - BATTERY SAVER)

INFOID:000000009578849

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.
DOOR SW-DR [On/Off]	Indicates condition of front door switch LH.

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

Monitor Item [Unit]	Description
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 back door 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.
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

INL

BCM

< ECU DIAGNOSIS INFORMATION >

ECU DIAGNOSIS INFORMATION

BCM

List of ECU Reference

INFOID:000000009560574

ECU	Reference
BCM	BCS-28. "Reference Value"
	BCS-44. "Fail-safe"
	BCS-46. "DTC Inspection Priority Chart"
	BCS-46. "DTC Inspection Priority Chart"

INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM >

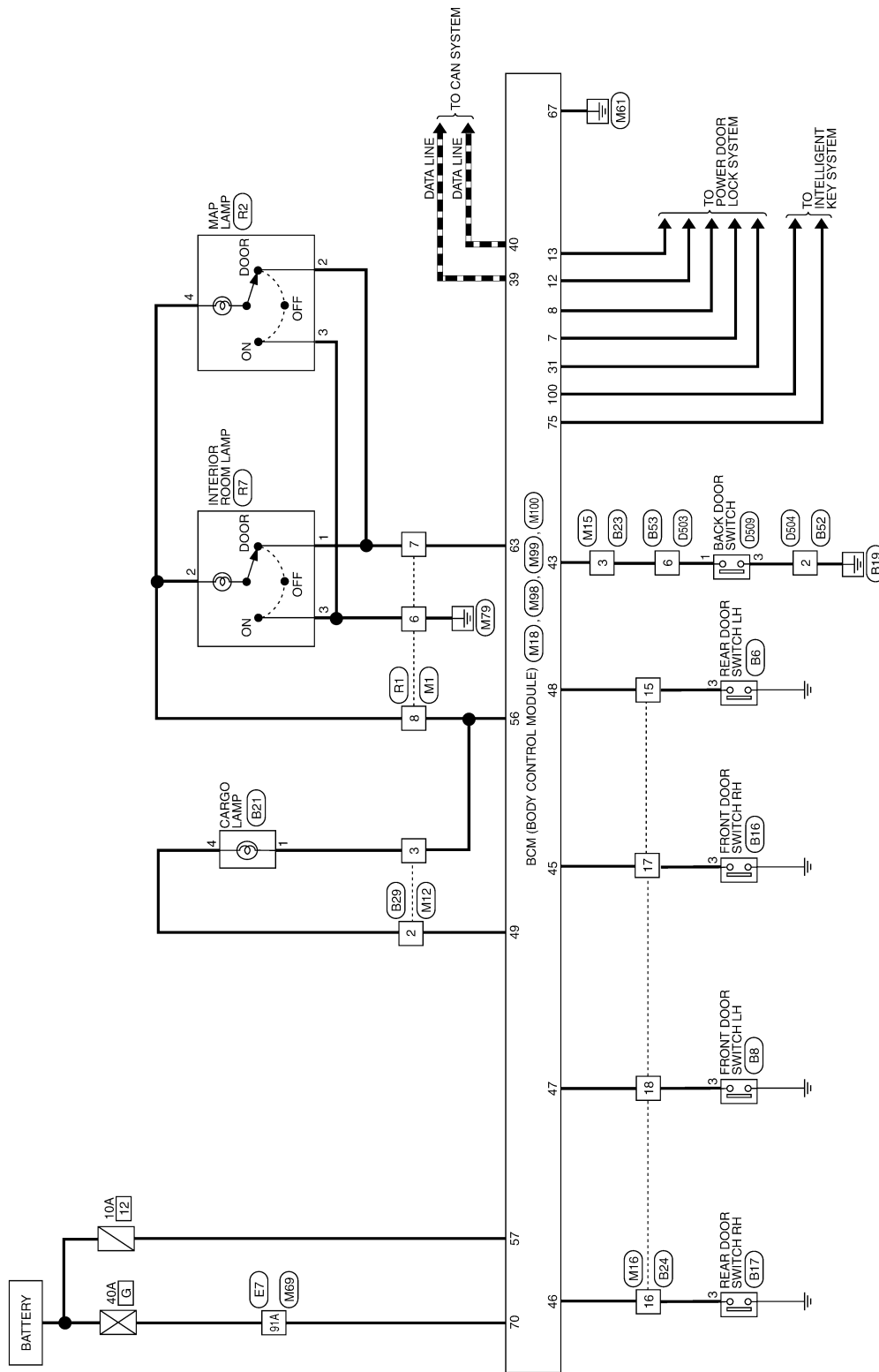
WIRING DIAGRAM

INTERIOR ROOM LAMP CONTROL SYSTEM

Wiring Diagram

INFOID:000000009560575

INTERIOR ROOM LAMP



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INTERIOR ROOM LAMP CONTROL SYSTEM

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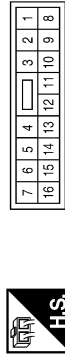
INTERIOR ROOM LAMP CONNECTORS

Connector No.	M1
Connector Name	WIRE TO WIRE
Connector Color	WHITE



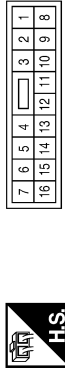
Terminal No.	Color of Wire	Signal Name
6	B	-
7	R	-
8	W	-

Connector No.	M12
Connector Name	WIRE TO WIRE
Connector Color	WHITE



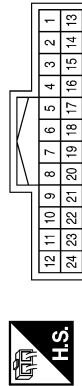
Terminal No.	Color of Wire	Signal Name
2	L	-
3	W	-

Connector No.	M15
Connector Name	WIRE TO WIRE
Connector Color	WHITE



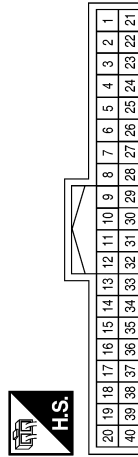
Terminal No.	Color of Wire	Signal Name
3	P	-

Connector No.	M16
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
15	W	-
16	BR	-
17	O	-
18	SB	-

Connector No.	M18
Connector Name	BCM (BODY CONTROL MODULE)
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
7	W	KEY CYLINDER UNLOCK SW
8	GR	KEY CYLINDER LOCK SW
12	GR	CENTRAL DOOR LOCK SW

Terminal No.	Color of Wire	Signal Name
13	BR	CENTRAL UNLOCK SW
31	Y	DOOR LOCK STATUS SW (DR)
39	L	CAN-H
40	P	CAN-L

INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM >

Connector No.	M99
Connector Name	BCM (BODY CONTROL MODULE)
Connector Color	WHITE



56	57	58	59	60	61	62	63	64
65	66	67	68	69	70			

Terminal No.	Color of Wire	Signal Name
56	W	BATTERY SAVER OUTPUT
57	Y	BATTERY (FUSE)
63	R	ROOM LAMP OUTPUT
67	B	GND
70	G	BATTERY (F/L)

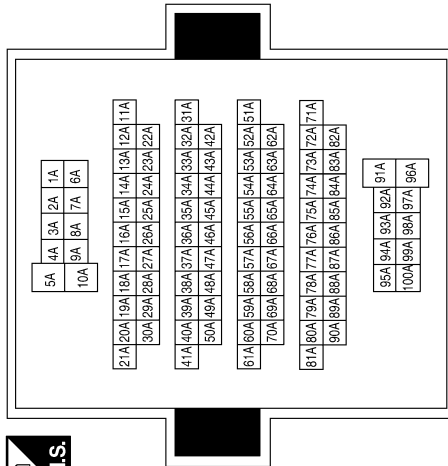
Connector No.	M98
Connector Name	BCM (BODY CONTROL MODULE)
Connector Color	WHITE



71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110

Terminal No.	Color of Wire	Signal Name
75	GR	REQUEST SW (DR)
100	L	REQUEST SW (AS)

Connector No.	M69
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
91A	G	-

Connector No.	M100
Connector Name	BCM (BODY CONTROL MODULE)
Connector Color	BLACK



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

Terminal No.	Color of Wire	Signal Name
43	P	DOOR SW (BACK)
45	O	DOOR SW (AS)

Terminal No.	Color of Wire	Signal Name
46	BR	DOOR SW (RR)
47	SB	DOOR SW (DR)
48	W	DOOR SW (RL)
49	L	LUGGAGE LAMP OUTPUT

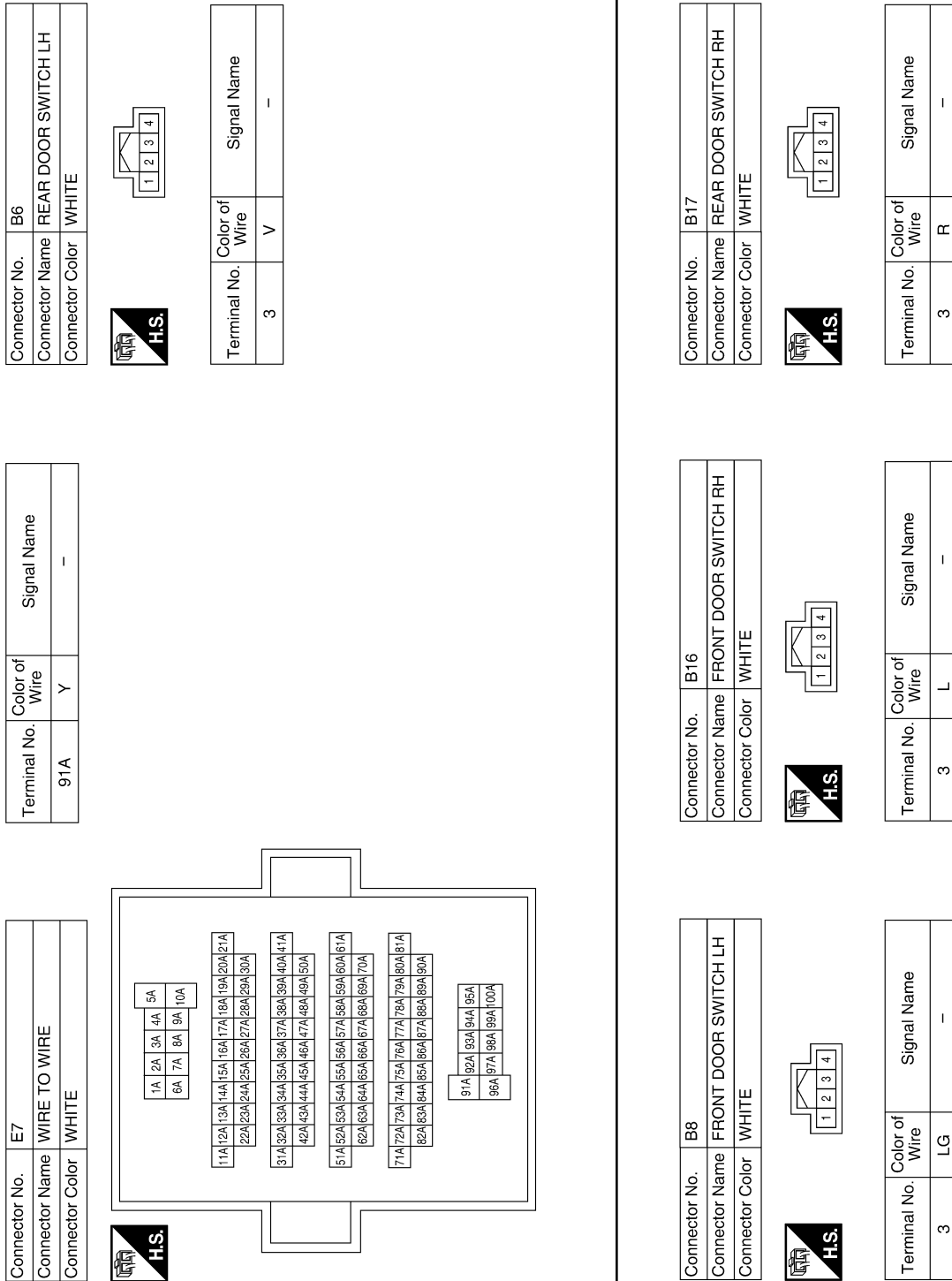
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A B C D E F G H I J K M N O P

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INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM >

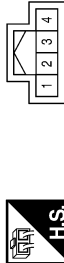


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INTERIOR ROOM LAMP CONTROL SYSTEM

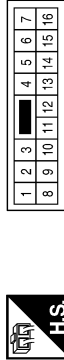
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Connector No.	B21
Connector Name	CARGO LAMP
Connector Color	WHITE



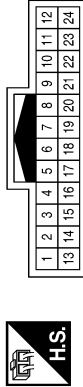
Terminal No.	Color of Wire	Signal Name
1	SB	-
4	Y	-

Connector No.	B23
Connector Name	WIRE TO WIRE
Connector Color	WHITE



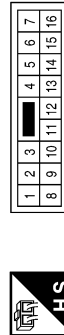
Terminal No.	Color of Wire	Signal Name
3	P	-

Connector No.	B24
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
15	V	-
16	R	-
17	L	-
18	LG	-

Connector No.	B29
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
2	Y	-
3	SB	-

Connector No.	B52
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
2	B	-

Connector No.	B53
Connector Name	WIRE TO WIRE
Connector Color	WHITE



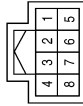
Terminal No.	Color of Wire	Signal Name
6	P	-

AALIA1416GB

INTERIOR ROOM LAMP CONTROL SYSTEM

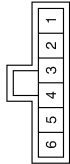
< WIRING DIAGRAM >

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



Terminal No.	Color of Wire	Signal Name
6	B	—
7	W	—
8	Y	—

Connector No.	R2
Connector Name	MAP LAMP
Connector Color	WHITE



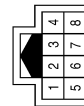
Terminal No.	Color of Wire	Signal Name
2	W	—
3	B	—
4	Y	—

Connector No.	R7
Connector Name	INTERIOR ROOM LAMP
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	B	—
2	Y	—
3	W	—

Connector No.	D503
Connector Name	WIRE TO WIRE
Connector Color	WHITE



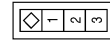
Terminal No.	Color of Wire	Signal Name
6	P	—

Connector No.	D504
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
2	B	—

Connector No.	D509
Connector Name	BACK DOOR SWITCH
Connector Color	WHITE

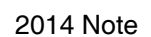


Terminal No.	Color of Wire	Signal Name
1	P	—
3	B	—

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Wiring Diagram

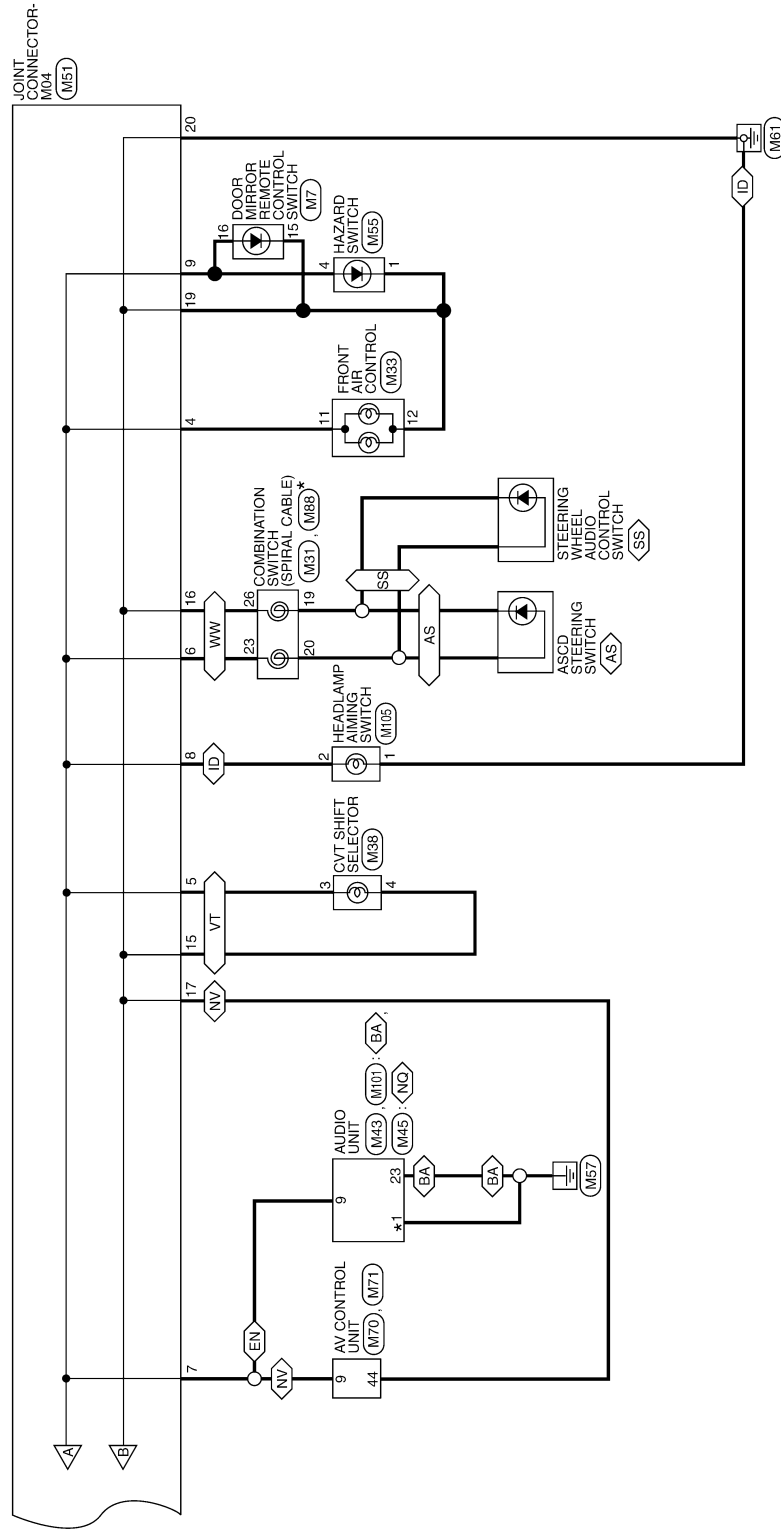
A
B
C
D
E
F
G
H
I
J
K
NL
M
N
O
P



ILLUMINATION

< WIRING DIAGRAM >

- *1
- | | | |
|---------|--|---|
| BA : 21 | AS : WITH ASCD | NV : WITH NAVI |
| MK : 20 | BA : WITH BASE AUDIO SYSTEM | SS : WITH STEERING WHEEL AUDIO CONTROL SWITCHES |
| | EN : WITHOUT NAVI | VT : WITH CVT |
| | ID : WITH MANUAL HEADLAMP AIMING CONTROL | WW : WITH STEERING WHEEL CONTROL SWITCHES |
| | NO : WITH DISPLAY AUDIO SYSTEM | |



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

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ILLUMINATION CONNECTORS

Connector No.	M7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Color	WHITE



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

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

Connector No.	M10
Connector Name	JOINT CONNECTOR-M01
Connector Color	BLUE



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Terminal No.	Color of Wire	Signal Name
4	L	-
7	L	-
8	L	-
13	P	-
16	P	-
17	P	-

Connector No.	M18
Connector Name	BCM (BODY CONTROL MODULE)
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	BR	COMBINATION SW INPUT 5
3	Y	COMBINATION SW INPUT 4
4	L	COMBINATION SW INPUT 3
5	G	COMBINATION SW INPUT 2

Terminal No.	Color of Wire	Signal Name
6	R	COMBINATION SW INPUT 1
32	P	COMBINATION SW OUTPUT 5
33	V	COMBINATION SW OUTPUT 4
34	W	COMBINATION SW OUTPUT 3
35	GR	COMBINATION SW OUTPUT 2
36	LG	COMBINATION SW OUTPUT 1
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
21	B	GND (ILLUMINATION)
22	B	GND (POWER)
23	B	GND (CIRCUIT)
27	R/W	BAT
28	GR	IGN

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ILLUMINATION

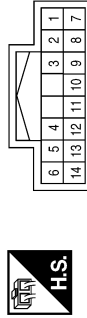
< WIRING DIAGRAM >

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



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

Connector No.	M28
Connector Name	COMBINATION SWITCH (LIGHTING AND TURN SIGNAL SWITCH)
Connector Color	WHITE



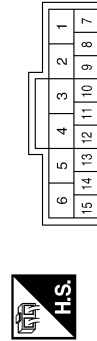
Terminal No.	Color of Wire	Signal Name
2	Y	-
5	L	-
7	W	-
8	BR	-
9	GR	-
10	V	-
11	LG	-
12	R	-
13	P	-
14	G	-

Connector No.	M31
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Color	YELLOW



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

Connector No.	M33
Connector Name	FRONT AIR CONTROL
Connector Color	BLACK



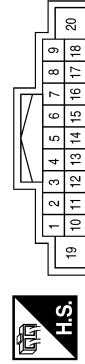
Terminal No.	Color of Wire	Signal Name
11	W	ILL+
12	B	ILL-

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



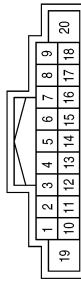
Terminal No.	Color of Wire	Signal Name
3	SB	-
4	B	-

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



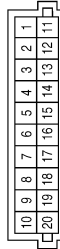
Terminal No.	Color of Wire	Signal Name
9	LG/R	ILL (+)

Connector No.	M45
Connector Name	AUDIO UNIT (WITH MID AUDIO SYSTEM)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
9	LG/R	ILL (+)
20	B/W	GND

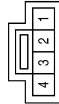
Connector No.	M51
Connector Name	JOINT CONNECTOR-M04
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1	LG	-
4	W	-
5	SB	-
6	GR	-
7	LG/R	-
8	Y	-

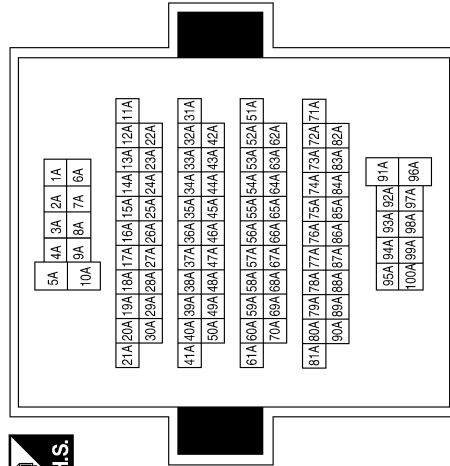
Terminal No.	Color of Wire	Signal Name
9	W	-
10	W	-
12	R/W	-
13	B	-
15	B	-
16	B	-
17	B	-
19	B	-
20	B	-

Connector No.	M55
Connector Name	HAZARD SWITCH
Connector Color	WHITE



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

Connector No.	M69
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
2A	W	-
20A	P	-
21A	L	-
91A	G	-
93A	O	-

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ILLUMINATION

< WIRING DIAGRAM >

Connector No.	M70
Connector Name	AV CONTROL UNIT
Connector Color	WHITE



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

Connector No.	M71
Connector Name	AV CONTROL UNIT
Connector Color	WHITE



32	31	30	29	28	27	26	25	24	23	22	21
44	43	42	41	40	39	38	37	36	35	34	33

Connector No.	M88
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Color	GRAY



20	19	18	17	16	15	14	13
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Terminal No.	Color of Wire	Signal Name
9	LG/R	ILL (+), LIGHT SW

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

Terminal No.	Color of Wire	Signal Name
19	P	ILL (-)
20	Y	ILL (+)

Connector No.	M98
Connector Name	BCM (BODY CONTROL MODULE)
Connector Color	WHITE



71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110

Connector No.	M99
Connector Name	BCM (BODY CONTROL MODULE)
Connector Color	WHITE



56	57	58	59	60	61	62	63	64
65	66	67	68	69	70			

Connector No.	M101
Connector Name	AUDIO UNIT (WITH BASE AUDIO SYSTEM)
Connector Color	WHITE



21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

Terminal No.	Color of Wire	Signal Name
90	W	HIGH SIDE ENGINE START SW ILLUMINATION LED
98	O	IGN RELAY OUTPUT1 (USM)

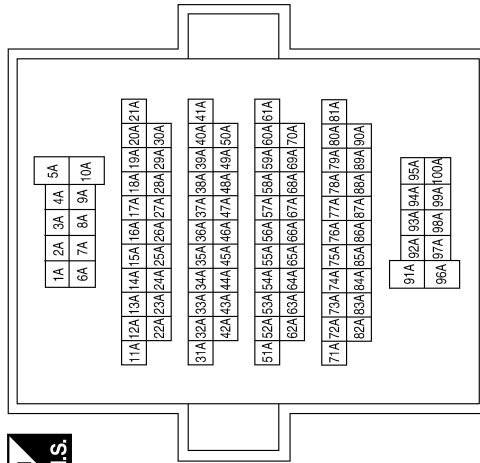
Terminal No.	Color of Wire	Signal Name
57	Y	BATTERY (FUSE)
67	B	GND
70	G	BATTERY (F/L)

Terminal No.	Color of Wire	Signal Name
21	B/W	EQ1
23	B	EQ3

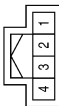
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Terminal No.	Color of Wire	Signal Name
2A	P	-
20A	P	-
21A	L	-
91A	Y	-
93A	L	-

Connector No.	E7
Connector Name	WIRE TO WIRE
Connector Color	WHITE

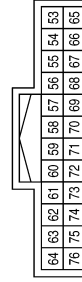


Connector No.	M105
Connector Name	HEADLAMP AIMING SWITCH
Connector Color	WHITE



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

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



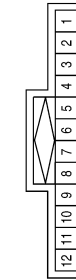
Terminal No.	Color of Wire	Signal Name
60	B	GND (SIGNAL)
61	P	CAN-L
62	L	CAN-H

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



Terminal No.	Color of Wire	Signal Name
22	P	TAIL/ILLUMI

Connector No.	E14
Connector Name	JOINT CONNECTOR-E03
Connector Color	BLUE



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

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DIAGNOSIS AND REPAIR WORKFLOW

< BASIC INSPECTION >

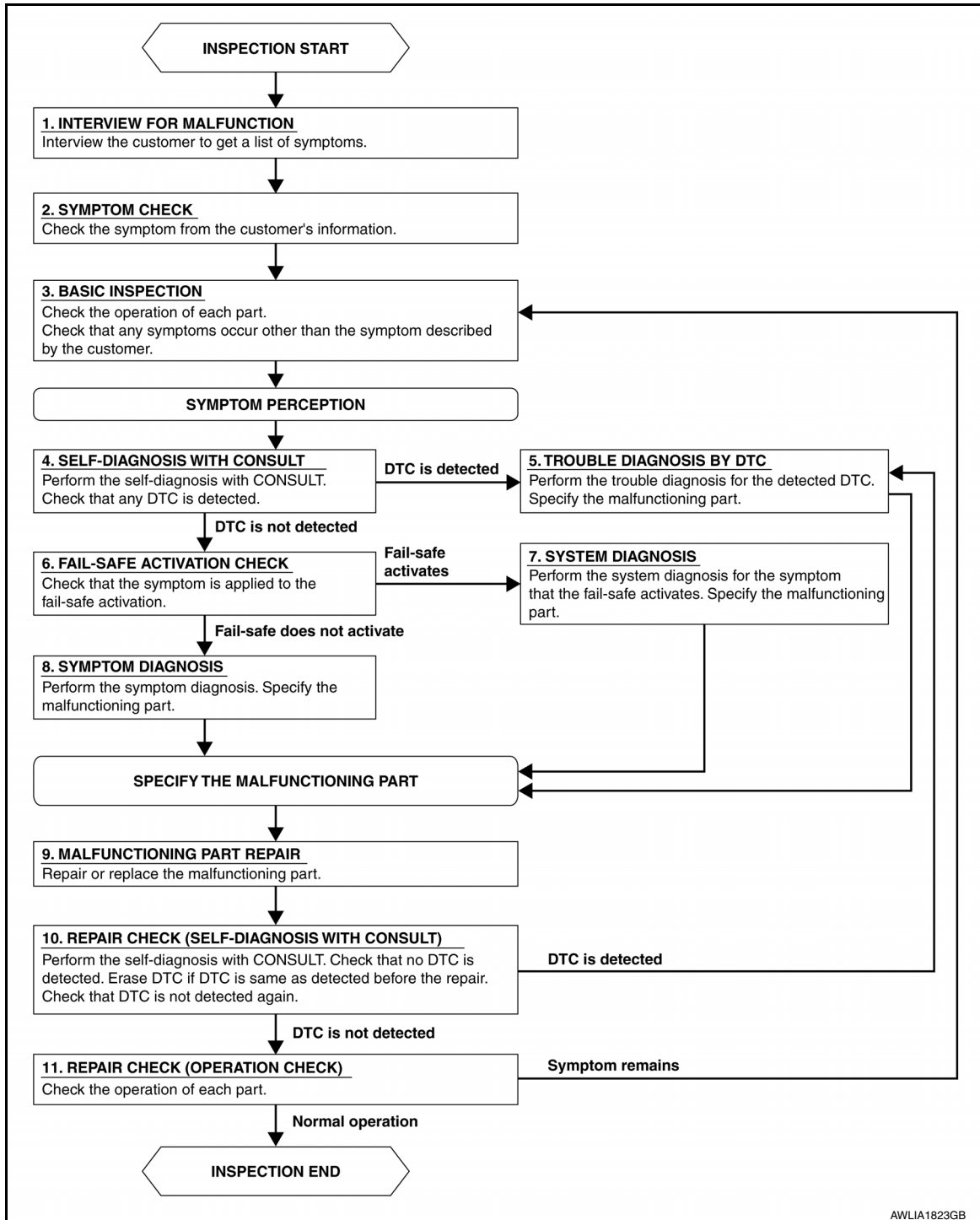
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORKFLOW

Work Flow

INFOID:000000009671214

OVERALL SEQUENCE



DETAILED FLOW

1. INTERVIEW FOR MALFUNCTION

Interview the symptom to the customer.

DIAGNOSIS AND REPAIR WORKFLOW

< BASIC INSPECTION >

>> GO TO 2.

2.SYMPTOM CHECK

Check the symptom from the customer's information.

>> GO TO 3.

3.BASIC INSPECTION

Check the operation of each part. Check that any symptom occurs other than the interviewed symptom.

>> 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

Check that the symptom is applied to the 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 that the fail-safe activates. Specify the malfunctioning part.

>> GO TO 9.

8.SYMPTOM DIAGNOSIS

Perform the symptom diagnosis. 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. Check that any DTC is not detected. Erase DTC if DTC is detected before the repair. Check that DTC is not detected again.

Is any DTC detected?

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.

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY AND GROUND CIRCUIT

BODY CONTROL SYSTEM

BODY CONTROL SYSTEM : Diagnosis Procedure

INFOID:000000009671216

Regarding Wiring Diagram information, refer to [BCS-48, "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.
57	Battery power supply	12 (10A)
70		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 M99.

2. Check voltage between BCM connector M99 and ground.

BCM		Ground	Voltage
Connector	Terminal		
M99	57	—	Battery voltage
	70		

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair harness or connector.

3.CHECK GROUND CIRCUIT

Check continuity between BCM connector M99 and ground.

BCM		Ground	Continuity
Connector	Terminal		
M99	67	—	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:000000009671202

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

Component Function Check

INFOID:000000009671203

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
 - Map lamp
 - Cargo 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-29, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009671204

Regarding Wiring Diagram information, refer to [INL-13, "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.

(+)		(-)	Test item	Voltage
Connector	Terminal		BATTERY SAVER	
M99	56	Ground	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-67, "Removal and Installation"](#).

2.CHECK BATTERY SAVER OUTPUT/POWER SUPPLY OPEN CIRCUIT

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

BATTERY SAVER OUTPUT/POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

BCM		Each interior lamp			Continuity
Connector	Terminal	Connector		Terminal	
M99	56	Interior room lamp	R7	2	Yes
		Map lamp	R2	4	
		Cargo lamp	B21	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.

Connector	Terminal	—	Continuity
M99	56	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:000000009671205

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:000000009671206

CAUTION:

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

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

1.CHECK INTERIOR ROOM LAMP CONTROL FUNCTION

CONSULT

1. Switch the map lamp switch or interior 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 item, check that each interior room lamp turns ON/OFF.

On : Interior room lamp gradual brightening

Off : Interior room lamp gradual dimming

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

YES >> Interior room lamp control circuit is normal.

NO >> Refer to [INL-31, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009671207

Regarding Wiring Diagram information, refer to [INL-13, "Wiring Diagram"](#).

1.CHECK INTERIOR ROOM LAMP CONTROL OUTPUT

CONSULT

1. Turn ignition switch OFF.
2. Remove all the bulbs of map lamp and interior room 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.

BCM		Ground	Test item		Continuity
Connector	Terminal				
M99	63		INT LAMP	On	Yes
				Off	No

Is the inspection result normal?

YES >> GO TO 2.

Fixed ON>>GO TO 3.

Fixed OFF>>Replace BCM after making sure battery saver output/power supply circuit is not shorted to voltage. Refer to [BCS-67, "Removal and Installation"](#).

2.CHECK INTERIOR ROOM LAMP CONTROL OPEN CIRCUIT

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

INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

With map lamp				
BCM		Map lamp		Continuity
Connector	Terminal	Connector	Terminal	
M99	63	R2	2	Yes

BCM		Interior room lamp		Continuity
Connector	Terminal	Connector	Terminal	
M99	63	R7	3	Yes

Is the inspection result normal?

- YES >> Check that map lamp or interior room lamp has no internal open circuit.
 NO >> Repair or replace harness or connector.

3.CHECK INTERIOR ROOM LAMP CONTROL SHORT CIRCUIT

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

BCM		Ground	Continuity
Connector	Terminal		
M99	63		No

Is the inspection result normal?

- YES >> Replace BCM after making sure battery saver output/power supply circuit is not shorted to voltage. Refer to [BCS-67, "Removal and Installation"](#).
 NO >> GO TO 4.

4.CHECK INTERIOR ROOM LAMP CONTROL SHORT CIRCUIT

1. Disconnect interior room lamp connector or map lamp connector.
2. Check continuity between BCM harness connector and ground.

BCM		Ground	Continuity
Connector	Terminal		
M99	63		No

Is the inspection result normal?

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

CARGO LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

CARGO LAMP CONTROL CIRCUIT

Description

INFOID:000000009671208

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

Component Function Check

INFOID:000000009671209

CAUTION:

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

- Battery saver output/power supply
- Cargo lamp bulb

Diagnosis Procedure

INFOID:000000009671210

Regarding Wiring Diagram information, refer to [INL-13, "Wiring Diagram"](#).

1.CHECK CARGO LAMP OUTPUT

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

BCM		Ground	Condition		Continuity
Connector	Terminal		Back door	Open	Yes
M100	49			Closed	No

Is the inspection result normal?

YES >> GO TO 2.

Fixed ON>>GO TO 3.

Fixed OFF>>Replace BCM. Refer to [BCS-67, "Removal and Installation"](#).

2.CHECK CARGO ROOM LAMP OPEN CIRCUIT

Check continuity between BCM harness connector and cargo lamp harness connector.

BCM		Cargo lamp		Continuity
Connector	Terminal	Connector	Terminal	
M100	49	B21	4	Yes

Is the inspection result normal?

YES >> Replace cargo lamp. Refer to [INL-40, "Removal and Installation"](#).

NO >> Repair or replace the harness or connector.

3.CHECK CARGO LAMP SHORT CIRCUIT

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

BCM		Ground	Continuity
Connector	Terminal		No
M100	49		

Is the inspection result normal?

YES >> Replace BCM. Refer to [BCS-67, "Removal and Installation"](#).

NO >> Repair or replace the harness or connector.

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

Description

INFOID:000000009671211

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

Component Function Check

INFOID:000000009671212

1.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION OPERATION

CONSULT

1. Turn the ignition switch ON.
2. Select ENGINE SW ILLUMI of BCM (INTELLIGENT KEY) active test item.
3. While operating the test item, 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

Is the inspection result normal?

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

NO >> Refer to [INL-34, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009671213

Regarding Wiring Diagram information, refer to [INL-19, "Wiring Diagram"](#).

1.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION OPERATION

CONSULT

1. Turn the ignition switch ON.
2. Select ENGINE SW ILLUMI of BCM (INTELLIGENT KEY) active test item.
3. While operating the test item, check voltage between push-button ignition switch connector and ground.

Terminals		Test item	Voltage (Approx.)
(+)	(-)		
Push-button ignition switch		ENGINE SW ILLUMI	
Connector	Terminal		
M25	5	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. Turn the ignition switch OFF.
2. Disconnect BCM connector M98 and push-button ignition switch connector.
3. Check continuity between BCM connector and push-button ignition switch connector.

BCM		Push-button ignition switch		Continuity
Connector	Terminal	Connector	Terminal	
M98	90	M25	5	Yes

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the harness or connectors.

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

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

Check continuity between BCM connector and ground.

BCM		Ground	Continuity
Connector	Terminal		
M98	90		No

Is the inspection result normal?

YES >> Replace BCM. Refer to [BCS-67. "Removal and Installation"](#).

NO >> Repair or replace the harness or connectors.

4.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION GROUND CIRCUIT

1. Turn the ignition switch OFF
2. Disconnect push-button ignition switch connector.
3. Check continuity between push-button ignition switch 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 [PCS-74. "Removal and Installation"](#).

NO >> Repair or replace harness.

INL

INTERIOR LIGHTING SYSTEM SYMPTOMS

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

INTERIOR LIGHTING SYSTEM SYMPTOMS

Symptom Table

INFOID:000000009560588

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
All the following lamps do not turn ON. • Map lamp • Interior room lamp • Cargo lamp	• Harness between BCM and each interior room lamp • BCM	Interior room lamp power supply circuit Refer to INL-31, "Component Function Check" .
• 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.	• Harness between BCM and each door switch • Harness between BCM and each interior room lamp • BCM	Door switch circuit Refer to INL-31, "Diagnosis Procedure" . Interior room lamp control circuit Refer to INL-31, "Diagnosis Procedure" .
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-10, "INT LAMP : CONSULT Function (BCM - INT LAMP)" .
Cargo lamp does not turn ON even though the back door is open.	• Harness between BCM and back door switch • Harness between BCM and cargo lamp • BCM	Cargo lamp circuit Refer to INL-31, "Diagnosis Procedure" .
Push-button ignition switch illumination does not illuminate.	• Harness between BCM and push-button ignition switch • BCM	Push-button ignition switch illumination circuit Refer to INL-31, "Component Function Check" .
Interior room lamp battery saver does not activate.	BCM	Replace BCM. Refer to BCS-67, "Removal and Installation" .

MAP LAMP

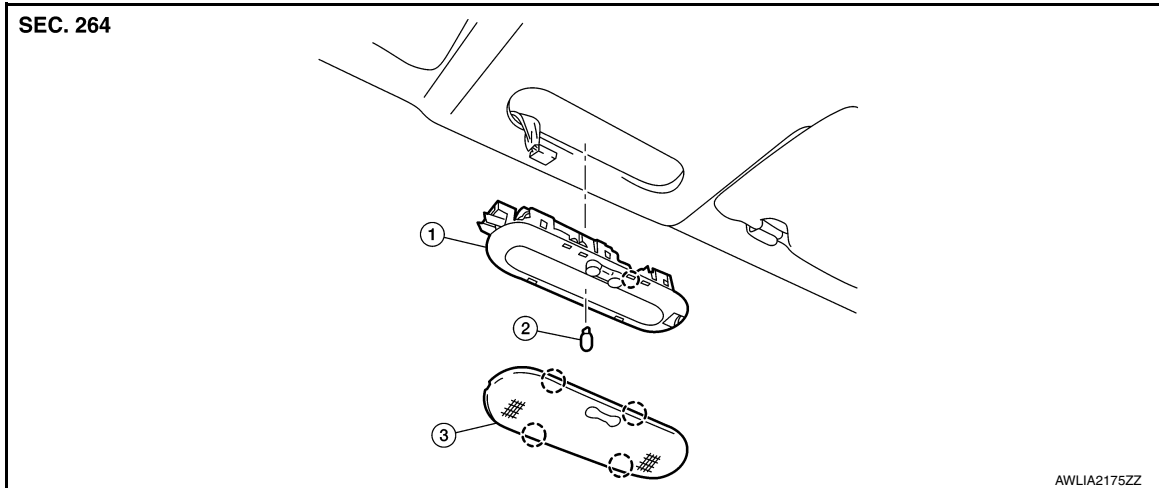
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

MAP LAMP

Exploded View

INFOID:000000009015798



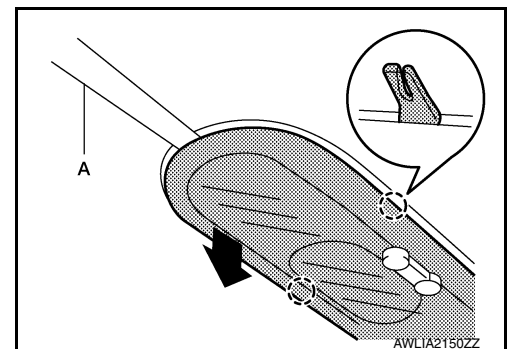
Removal and Installation

INFOID:000000009015799

REMOVAL

1. Release lens pawls using a suitable tool (A) and remove.

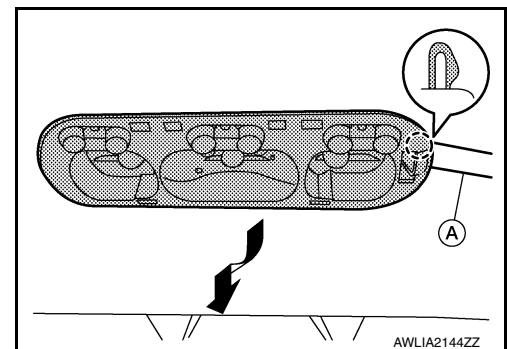
○: Pawl



2. Release map lamp pawl using suitable tool (A).

○: Pawl

3. Disconnect the harness connector from map lamp and remove.



INSTALLATION

Installation is in the reverse order of removal.

Bulb Replacement

INFOID:000000009015800

WARNING:

MAP LAMP

< REMOVAL AND INSTALLATION >

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

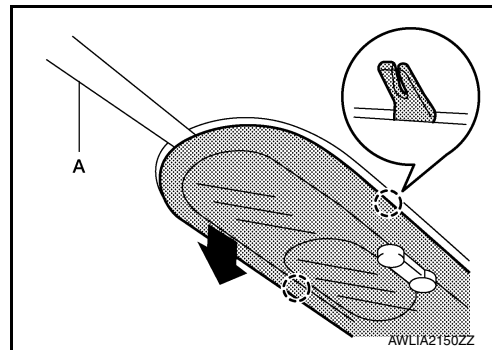
CAUTION:

- Do not touch the 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 the performance of lamp.

REMOVAL

1. Release lens pawls using suitable tool (A) and remove.

○: Pawl



2. Remove the bulb.

INSTALLATION

Installation is in the reverse order of removal.

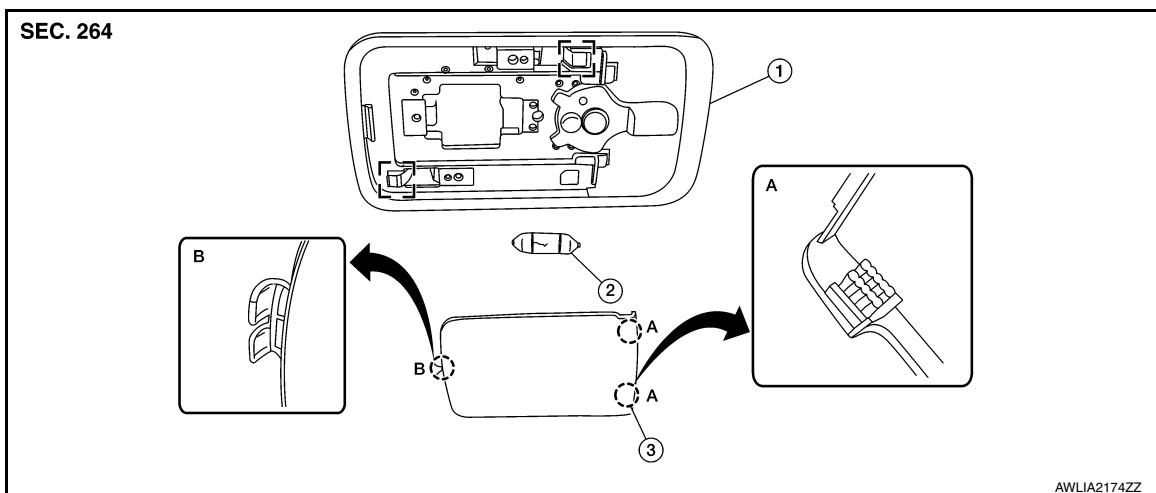
INTERIOR ROOM LAMP

< REMOVAL AND INSTALLATION >

INTERIOR ROOM LAMP

Exploded View

INFOID:000000009015801



1. Interior room lamp 2. Bulb 3. Lens
A. Pawls to release first for lens removal B. Pawl to install first for lens installation  Pawl
 Metal clip

Removal and Installation

INFOID:000000009015802

REMOVAL

1. Release interior room lamp metal clips using a suitable tool.
2. Disconnect the harness connector from room lamp and remove.

INSTALLATION

Installation is in the reverse order of removal.

Bulb Replacement

INFOID:000000009015803

WARNING:

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

CAUTION:

- Do not touch the 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 the performance of lamp.

REMOVAL

1. Release interior room lamp lens pawls using a suitable tool and remove.
2. Remove bulb.

INSTALLATION

Installation is in the reverse order of removal.

NOTE:

Insert the lens hook end RH side first when installing lens.

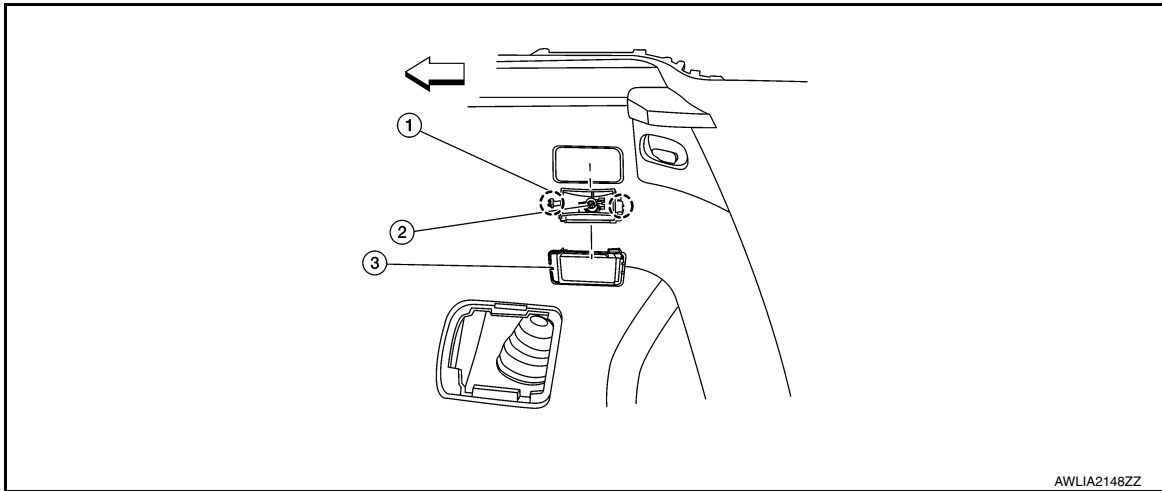
CARGO ROOM LAMP

< REMOVAL AND INSTALLATION >

CARGO ROOM LAMP

Exploded View

INFOID:000000009445827



1. Cargo room lamp

⇐ Front

2. Bulb

○ Pawl

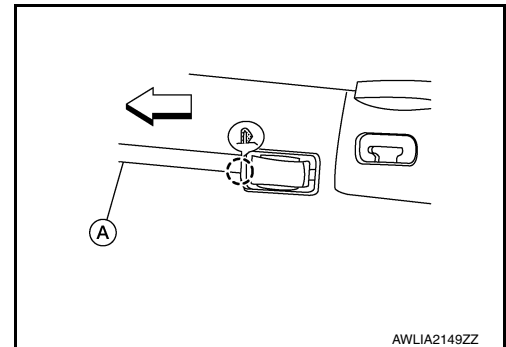
3. Lens

Removal and Installation

INFOID:000000009445828

REMOVAL

1. Release cargo room lamp pawl with a suitable tool (A)
○: Pawl
⇐: Front
2. Disconnect harness connector from cargo room lamp and remove.



INSTALLATION

Installation is in the reverse order of removal.

Bulb Replacement

INFOID:000000009445829

WARNING:

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

CAUTION:

- Do not touch the 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 the performance of lamp.

REMOVAL

1. Release cargo room lamp lens pawl using a suitable tool.
2. Remove the bulb.

INSTALLATION

Installation is in the reverse order of removal.

SHIFT SELECTOR LAMP

< REMOVAL AND INSTALLATION >

SHIFT SELECTOR LAMP

Bulb Replacement

INFOID:000000009445826

WARNING:

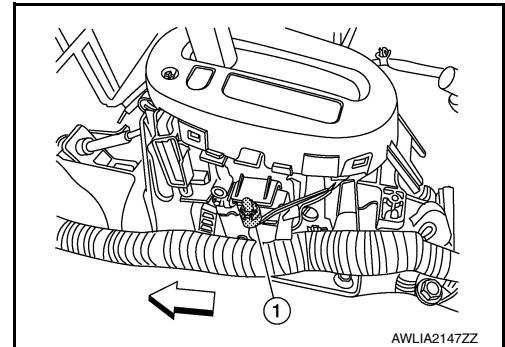
Do not touch bulb while it is lit or right after being turned OFF. Burning may result.

CAUTION:

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

REMOVAL

1. Remove the center console assembly. Refer to [IP-18, "Removal and Installation"](#).
2. Remove shift selector lamp bulb from bulb socket (1).
⇐: Front



INSTALLATION

Installation is in the reverse order of removal.

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

INL

ILLUMINATION CONTROL SWITCH

< REMOVAL AND INSTALLATION >

ILLUMINATION CONTROL SWITCH

Removal and Installation

INFOID:000000009445830

The illumination control switch is part of the combination meter. Refer to [MWI-48, "Removal and Installation"](#).

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Bulb Specifications

INFOID:0000000009541369

Item	Wattage (W)*
Map lamp (if equipped)	5
Interior room lamp	8
Cargo room lamp	5
Shift selector lamp	—

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

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