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PRECAUTIONS

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PRECAUTION

PRECAUTIONS FOR USA AND CANADA

FOR USA AND CANADA: Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

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

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

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

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the
 ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with
 a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing
 serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

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FOR USA AND CANADA: Precaution for Battery Service

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

FOR MEXICO

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

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 "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

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PRECAUTIONS

[COUPE] < PRECAUTION >

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FOR MEXICO: Precaution for Battery Service

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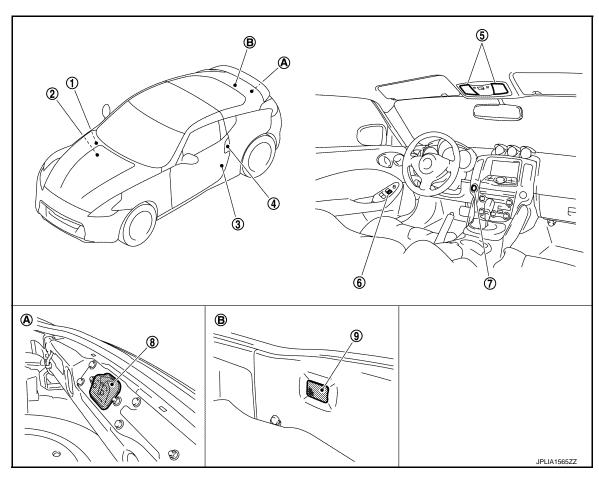
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SYSTEM DESCRIPTION

COMPONENT PARTS INTERIOR ROOM LAMP CONTROL SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM: Component Parts Location

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- Remote keyless entry receiver Refer to <u>DLK-20</u>, "Remote Keyless <u>Entry Receiver"</u>.
- 4. Key cylinder switch
 - · Request switch
- Push-button ignition switch (Push-button ignition switch illumination)
- A. Back door lock assembly
- 2. BCM
 Refer to BCS-11, "Component Parts
 Location".
- 5. Map lamp
- 8. Back door switch

- 3. Door switch
- 6. Door lock and unlock switch
- 9. Luggage room lamp

B. Luggage room

INTERIOR ROOM LAMP CONTROL SYSTEM: Component Description INFOID:000000003362475

Part	Description
BCM	 Activates the interior room lamp timer depending on the vehicle condition to turn the interior room lamp ON/OFF. Turns the luggage room lamp ON /OFF according to the luggage room lamp switch status.
Remote keyless entry receiver	Transmits the lock/unlock signal to BCM.

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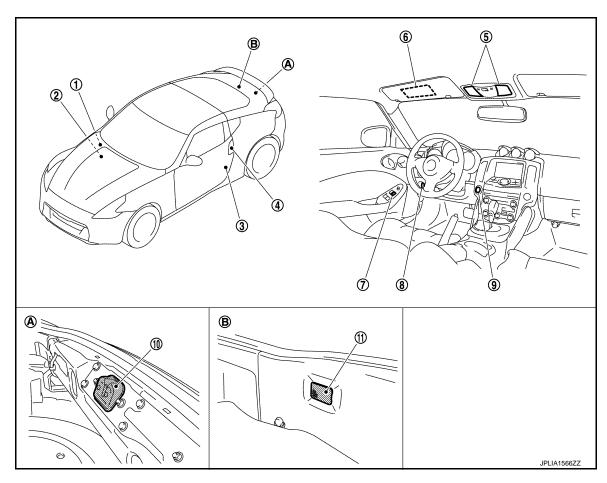
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Part	Description
Door lock and unlock switchKey cylinder switch	Transmits a switch signal by power window switch serial link.
Request switch Door switch	Inputs a switch signal to BCM.

INTERIOR ROOM LAMP BATTERY SAVER SYSTEM

INTERIOR ROOM LAMP BATTERY SAVER SYSTEM: Component Parts Location

INFOID:0000000009362476



- Remote keyless entry receiver Refer to <u>DLK-15</u>, "<u>POWER DOOR</u> <u>LOCK SYSTEM</u>: Component Parts Location".
- 4. Key cylinder switch• Request switch
- 7. Door lock and unlock switch
- 10. Back door switch
- A. Back door lock assembly

- 2. BCM
 Refer to BCS-11, "Component Parts
 Location".
- 5. Map lamp
- 8. Key slot
- 11. Luggage room lamp
- B. Luggage room

- 3. Door switch
- - Push-button ignition switch

Vanity mirror lamp

INTERIOR ROOM LAMP BATTERY SAVER SYSTEM: Component Description

INFOID:0000000009362477

Part	Description
BCM	Operates the interior room lamp battery saver depending on the vehicle condition to cut the interior room lamp power supply.
Remote keyless entry receiver	Transmits the lock/unlock signal to BCM.

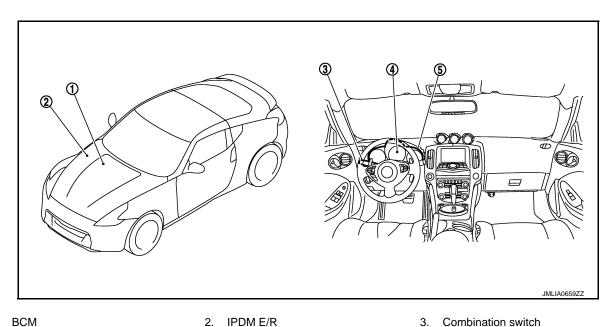
< SYSTEM DESCRIPTION >

Part	Description	
Door lock and unlock switch Key cylinder switch	Transmits a switch signal by power window switch serial link.	
Request switch Door switch	Inputs a switch signal to BCM.	
Key slot	Inputs the key switch status to BCM.	

ILLUMINATION CONTROL SYSTEM

ILLUMINATION CONTROL SYSTEM: Component Parts Location

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- 1. BCM Refer to BCS-11, "Component Parts Location".
- 4. Combination meter
- 2. IPDM E/R Refer to PCS-5, "Component Parts Location".

5. Illumination control switch

ILLUMINATION CONTROL SYSTEM: Component Description

INFOID:0000000009362479

Part	Description
ВСМ	 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).
IPDM E/R	Controls the integrated relay according to the request from BCM (with CAN communication).
Combination meter	 Enters in nighttime mode according to the request from BCM (with CAN communication). Controls the each illumination in the nighttime mode. Refer to MWI-24, "METER ILLUMINATION CONTROL: System Description".
Combination switch (Lighting & turn signal switch)	Refer to BCS-12, "System Description".

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SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM: System Diagram

Remote keyless Door Map lamp entry receiver Interior room lamp ON Lock/unlock signal power supply Luggage room Request switch lamp (ALL) Power window main switch Key cylinder lock/unlock Power window switch switch serial link Key cylinder lock/unlock Door lock/unlock switch signal **BCM** switch Central door lock/unlock switch signal Luggage room lamp control signal Door switch (ALL) Interior room lamp control signal Back door switch Push-button Push-button ignition switch ignition switch illumination power supply illumination Push-button ignition switch illumination ground To combination meter JPMIA1309GB

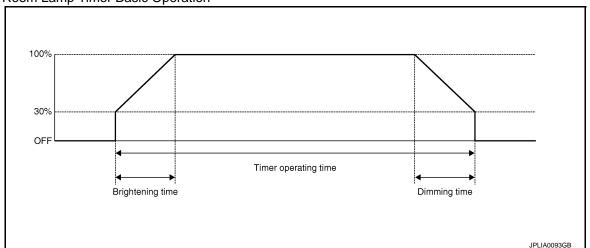
INTERIOR ROOM LAMP CONTROL SYSTEM: System Description

OUTLINE

- Interior room lamps* are controlled by interior room lamp timer control function of BCM.
- *: Map lamp (when map lamp switch is in DOOR position).
- Luggage room lamp is controlled by luggage room lamp control function of BCM.
- Push-button ignition switch illumination is controlled by the push-button ignition switch illumination control function of BCM.

INTERIOR ROOM LAMP TIMER CONTROL

Interior Room Lamp Timer Basic Operation



- The interior room lamp turns ON and OFF (gradual brightening and dimming) by the interior room timer.
- BCM judges the vehicle condition with the following items. It activates the interior room timer.

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- Ignition switch status
- Door switch signal (ALL)
- Door lock/unlock signal (Remote keyless entry receiver, each request switch, key cylinder lock/unlock switch, central door lock/unlock switch)

NOTE:

Each function of interior room lamp timer can be set by CONSULT. Refer to INL-15, "INT LAMP: CONSULT Function (BCM - INT LAMP) (Coupe Models)".

Interior Room Lamp ON Operation

- BCM always turns the interior room lamp ON when any door opens.
- BCM activates the interior room timer in any of the following conditions to turn the interior room lamp ON for a period of time.
- Any door opens before all doors close.
- Ignition switch is turned ON → OFF.
- Any door unlock signal is detected when all doors close with ignition switch OFF.

NOTE

Restart the timer if new condition is input during the timer operating time.

Interior Room Lamp OFF Operation

BCM stops the timer in any of the following conditions to turns the interior room lamp OFF.

- The timer operating time is expired.
- Ignition switch position is other than OFF with all doors close.
- Any door lock operation is detected with all doors close.

LUGGAGE ROOM LAMP CONTROL

BCM controls the luggage room lamp (ground-side) to turn ON with the luggage room lamp switch ON.

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CONTROL

Push-button Ignition Switch Illumination Basic Operation

- BCM provides the power supply and the ground to turn the push-button ignition switch illumination ON.
- BCM cuts the ground supply while the each illumination (tail lamp) ON. BCM switches to the ground control with the meter illumination control function.

Push-button Ignition Switch Illumination ON Operation

BCM turns the push-button ignition switch illumination ON in the following conditions.

- Ignition switch ON
- Each illumination (tail lamp) ON
- Any of the following conditions with ignition switch OFF
- Engine start permission is entered.
- Intelligent Key inserted into the key slot.
- Driver door is LOCK → UNLOCK.
- Driver door is open.

Push-button Ignition Switch Illumination OFF Operation

BCM turns the push-button ignition switch illumination OFF in any of the following conditions.

- The push-button ignition switch illumination ON conditions do not satisfy.
- All of the following conditions with ignition switch OFF
- Each illumination (tail lamp) OFF
- The push-button ignition switch illumination ON conditions do not change (15 seconds after the ignition switch OFF) or the driver door is UNLOCK → LOCK.

INTERIOR ROOM LAMP BATTERY SAVER SYSTEM

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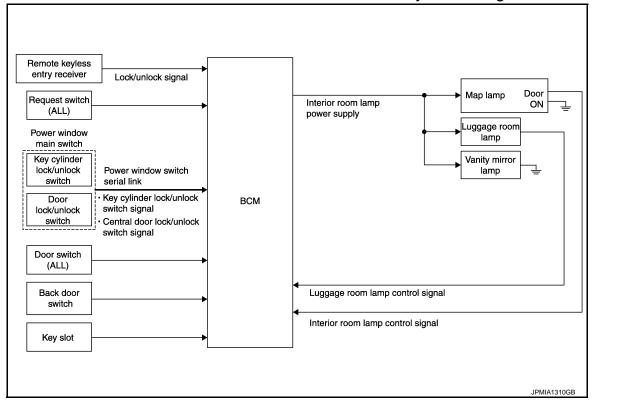
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INTERIOR ROOM LAMP BATTERY SAVER SYSTEM : System Diagram



INTERIOR ROOM LAMP BATTERY SAVER SYSTEM: System Description

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OUTLINE

- Interior room lamp battery saver is controlled by BCM.
- BCM turns applicable lamps OFF depending on the vehicle condition. This function prevents the battery from over-discharging if the driver neglect turning OFF the any lamps.

Applicable lamps

- Map lamp
- Luggage room lamp
- Vanity mirror lamp

INTERIOR ROOM LAMP BATTERY SAVER FUNCTION

- When the ignition switch is turned OFF, BCM operates the timer for a period of time to cut the interior room lamp power supply.
- BCM restart the timer when any of the following signals changes while operating the timer.
- Ignition switch status
- Door switch signal (ALL)
- Door lock/unlock signal (Remote keyless entry receiver, each request switch, key cylinder lock/unlock switch, central door lock/unlock switch)
- Back door switch signal
- Key switch signal (Key slot)
- BCM provides the interior room lamp power supply continuously when the ignition switch position is other than OFF.

NOTE:

Each function of interior room lamp battery saver can be set by CONSULT. Refer to INL-17, "BATTERY SAVER) (Coupe Models)".

ILLUMINATION CONTROL SYSTEM

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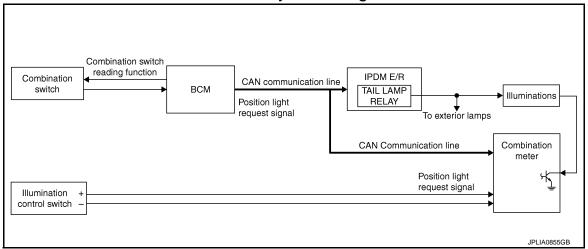
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ILLUMINATION CONTROL SYSTEM: System Diagram

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ILLUMINATION CONTROL SYSTEM: System Description

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OUTLINE

Each illumination lamp is controlled by each function of BCM, IPDM E/R and combination meter.

Control by BCM

- Combination switch reading function
- · Headlamp control function

Control by IPDM E/R

Relay control function

Control by combination meter

Meter illumination control function (Refer to <u>MWI-24</u>, "<u>METER ILLUMINATION CONTROL</u>: <u>System Description</u>".)

ILLUMINATION CONTROL

- BCM detects the combination switch condition by the combination switch reading function.
- BCM transmits position light request signal to IPDM E/R and combination meter according to tail lamp ON condition.

Tail lamp ON condition

- Lighting switch 1ST
- Lighting switch 2ND
- Lighting switch AUTO, and the auto light function ON judgment
- IPDM E/R turns the integrated tail lamp relay ON according to position light request signal. It provides the power supply to each illumination lamp.
- Combination meter enters in the nighttime mode according to position light request signal. Under the nighttime mode the combination meter controls the illuminance by controlling the each illumination lamp (ground side).

DIAGNOSIS SYSTEM (BCM)

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DIAGNOSIS SYSTEM (BCM)

COMMON ITEM

COMMON ITEM: CONSULT Function (BCM - COMMON ITEM)

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APPLICATION ITEM

CONSULT performs the following functions via CAN communication with BCM.

Diagnosis mode	Function Description		
Work Support	Changes the setting for each system function.		
Self Diagnostic Result	Displays the diagnosis results judged by BCM.		
CAN Diag Support Monitor	Monitors the reception status of CAN communication viewed from BCM.		
Data Monitor	The BCM input/output signals are displayed.		
Active Test	The signals used to activate each device are forcibly supplied from BCM.		
Ecu Identification	The BCM part number is displayed.		
Configuration	 Read and save the vehicle specification. Write the vehicle specification when replacing BCM. 		

SYSTEM APPLICATION

BCM can perform the following functions for each system.

NOTE:

It can perform the diagnosis modes except the following for all sub system selection items.

×: Applicable item

System	Sub system selection item	Diagnosis mode		
System	Sub system selection item	Work Support	Data Monitor	Active Test
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 CONDITONER*			
Intelligent Key systemEngine start system	INTELLIGENT KEY	×	×	×
Combination switch	COMB SW		×	
Body control system	BCM	×		
NVIS - NATS	IMMU		×	×
Interior room lamp battery saver	BATTERY SAVER	×	×	×
Back door/Trunk lid open	TRUNK		×	×
Vehicle security system	THEFT ALM	×	×	×
RAP system	RETAINED PWR		×	
Signal buffer system	SIGNAL BUFFER		×	×
TPMS	TPMS (AIR PRESSURE MONITOR)	×	×	×

NOTE:

FREEZE FRAME DATA (FFD)

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

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^{*:} This item is displayed, but is not used.

CONSULT screen item	Indication/Unit	Description		
Vehicle Speed	km/h	Vehicle speed of the moment a particular DTC is detected		
Odo/Trip Meter	km	Total mileage (Odometer value) of the moment a particular DTC is detected		
	SLEEP>LOCK		While turning BCM status from low power consumption mode to normal mode (Power supply position is "LOCK"*)	
	SLEEP>OFF		While turning BCM status from low power consumption mode to normal mode (Power supply position is "OFF".)	
	LOCK>ACC		While turning power supply position from "LOCK"* to "ACC"	
	ACC>ON		While turning power supply position from "ACC" to "IGN"	
	RUN>ACC		While turning power supply position from "RUN" to "ACC" (Except emergency stop operation)	
	CRANK>RUN		While turning power supply position from "CRANKING" to "RUN" (From cranking up the engine to run it)	
	RUN>URGENT		While turning power supply position from "RUN" to "ACC" (Emergency stop operation)	
	ACC>OFF		While turning power supply position from "ACC" to "OFF"	
	OFF>LOCK	Power supply position status of the moment a	While turning power supply position from "OFF" to "LOCK"*	
Vehicle Condition	OFF>ACC	particular DTC is detected	While turning power supply position from "OFF" to "ACC"	
	ON>CRANK		While turning power supply position from "IGN" to "CRANKING"	
	OFF>SLEEP		While turning BCM status from normal mode (Power supply position is "OFF".) to low power consumption mode	
	LOCK>SLEEP		While turning BCM status from normal mode (Power supply position is "LOCK"*.) to low power consumption mode	
	LOCK		Power supply position is "LOCK"*	
	OFF		Power supply position is "OFF" (Ignition switch OFF)	
	ACC		Power supply position is "ACC" (Ignition switch ACC)	
	ON		Power supply position is "IGN" (Ignition switch ON with engine stopped)	
	ENGINE RUN		Power supply position is "RUN" (Ignition switch ON with engine running)	
	CRANKING		Power supply position is "CRANKING" (At engine cranking)	
IGN Counter	0 - 39	 The number of times that ignition switch is turned ON after DTC is detected The number is 0 when a malfunction is detected now. The number increases like 1 → 2 → 338 → 39 after returning to the normal condition whenever ignition switch OFF → ON. The number is fixed to 39 until the self-diagnosis results are erased if it is over 39. 		

NOTE

- *: Power supply position shifts to "LOCK" from "OFF", when ignition switch is in the OFF position, selector lever is in the P position (A/T models), and any of the following conditions are met.
- Closing door
- Opening door
- Door is locked using door request switch
- Door is locked using Intelligent Key

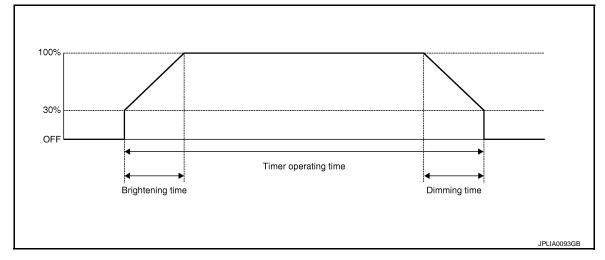
The power supply position shifts to "ACC" when the push-button ignition switch (push switch) is pushed at "LOCK".

INT LAMP

INT LAMP: CONSULT Function (BCM - INT LAMP) (Coupe Models)

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WORK SUPPORT



Service item	Setting item	Setting		
OFT I/I D LINII OK INTOON	ON*	With the interior room lamp timer function		
SET I/L D-UNLCK INTCON	OFF	Without tl	ne interior room lamp timer function	
	MODE 2	7.5 sec.		
ROOM LAMP TIMER SET	MODE 3*	15 sec.	Sets the interior room lamp ON time. (Timer operating time)	
	MODE 4	30 sec.		
	MODE 1	0.5 sec.		
	MODE 2*	1 sec.		
ROOM LAMP ON TIME SET	MODE 3	2 sec.	Sets the interior room lamp gradual brightening time.	
	MODE 4	3 sec.		
	MODE 5	0 sec.		
	MODE 1	0.5 sec.		
	MODE 2	1 sec.		
ROOM LAMP OFF TIME SET	MODE 3	2 sec.	Sets the interior room lamp gradual dimming time.	
	MODE 4*	3 sec.		
	MODE 5	0 sec.		
	MODE 1*	Interior room lamp timer activates with synchronizing all doors.		
R LAMP TIMER LOGIC SET	MODE 2	Interior ro	om lamp timer activates with synchronizing the driver door	

^{*:} Factory setting

DATA MONITOR

NOTE:

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Monitor item [Unit]	Description
REQ SW-DR [On/Off]	The switch status input from request switch (driver side)
REQ SW-AS [On/Off]	The switch status input from front request switch (passenger side)

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Monitor item [Unit]	Description
REQ SW-RR [On/Off]	NOTE:
REQ SW-RL [On/Off]	The item is indicated, but not monitored.
PUSH SW [On/Off]	The switch status input from push-button ignition switch
ACC RLY-F/B [On/Off]	NOTE: The item is indicated, but not monitored.
UNLK SEN-DR [On/Off]	Driver door unlock status input from unlock sensor
KEY SW-SLOT [On/Off]	Key switch status input from key slot
DOOR SW-DR [On/Off]	The switch status input from driver side door switch
DOOR SW-AS [On/Off]	The switch status input from passenger side door switch
DOOR SW-RR [On/Off]	NOTE:
DOOR SW-RL [On/Off]	The item is indicated, but not monitored.
DOOR SW-BK [On/Off]	The switch status input from back door switch
CDL LOCK SW [On/Off]	Lock switch status received from the door lock and unlock switch
CDL UNLOCK SW [On/Off]	Unlock switch status received from the door lock and unlock switch
KEY CYL LK-SW [On/Off]	Lock switch status received from key cylinder switch
KEY CYL UN-SW [On/Off]	Unlock switch status received from key cylinder switch
TRNK/HAT MNTR [On/Off]	NOTE: The item is indicated, but not monitored.
RKE-LOCK [On/Off]	Lock signal status received from remote keyless entry receiver
RKE-UNLOCK [On/Off]	Unlock signal status received from remote keyless entry receiver

ACTIVE TEST

Test item	Operation	Description
INT LAMP	On	Outputs the interior room lamp control signal to turn map lamp ON (Map lamp switch is in DOOR position).
	Off	Stops the interior room lamp control signal to turn map lamp OFF.
STEP LAMP TEST	On	NOTE:
OTEL LAWI TEOT	Off	The item is displayed, but cannot be tested.
LUGGAGE LAMP TEST	On	Outputs the luggage room lamp control signal to turn the luggage room lamp ON.
LOGOAGE LAWIF TEST	Off	Stops the luggage room lamp control signal to turn the luggage room lamp OFF.

BATTERY SAVER

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

[COUPE]

BATTERY SAVER: CONSULT Function (BCM - BATTERY SAVER) (Coupe Models)

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WORK SUPPORT

Service item	Setting item		Setting
BATTERY SAVER SET	On*	With the e	exterior lamp battery saver function
BATTERT SAVER SET	Off	Without th	ne exterior lamp battery saver function
ROOM LAMP BAT SAV SET	On*	With the in	nterior room lamp battery saver function
ROOM LAWF BAT SAV SET	Off	Without th	ne interior room lamp battery saver function
	MODE 1	30 min.	
ROOM LAMP TIMER SET	MODE 2	60 min.	Sets the interior room lamp battery saver timer operating time.
	MODE 3*	10 min.	

^{*:} Factory setting

DATA MONITOR

NOTE:

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Monitor item [Unit]	Description
REQ SW-DR [On/Off]	The switch status input from request switch (driver side)
REQ SW-AS [On/Off]	The switch status input from front request switch (passenger side)
REQ SW-RR [On/Off]	NOTE:
REQ SW-RL [On/Off]	The item is indicated, but not monitored.
PUSH SW [On/Off]	The switch status input from push-button ignition switch
ACC RLY-F/B [On/Off]	NOTE: The item is indicated, but not monitored.
KEY SW-SLOT [On/Off]	Key switch status input from key slot
UNLK SEN-DR [On/Off]	Driver door unlock status input from unlock sensor
DOOR SW-DR [On/Off]	The switch status input driver side front door switch
DOOR SW-AS [On/Off]	The switch status input from passenger side door switch
DOOR SW-RR [On/Off]	NOTE:
DOOR SW-RL [On/Off]	The item is indicated, but not monitored.
DOOR SW-BK [On/Off]	The switch status input from back door switch
CDL LOCK SW [On/Off]	Lock switch status received from the door lock and unlock switch
CDL UNLOCK SW [On/Off]	Unlock switch status received from the door lock and unlock switch
KEY CYL LK-SW [On/Off]	Lock switch status received from key cylinder switch

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DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

[COUPE]

Monitor item [Unit]	Description
KEY CYL UN-SW [On/Off]	Unlock switch status received from key cylinder switch
TRNK/HAT MNTR [On/Off]	NOTE: The item is indicated, but not monitored.
RKE-LOCK [On/Off]	Lock signal status received from remote keyless entry receiver
RKE-UNLOCK [On/Off]	Unlock signal status received from remote keyless entry receiver

ACTIVE TEST

Test item	Operation	Description
BATTERY SAVER	Off	Cuts the interior room lamp power supply to turn interior room lamp OFF.
DATTERT SAVER	On	Outputs the interior room lamp power supply to turn interior room lamp ON.*

^{*:} Each lamp switch is in ON position.

BCM, COMBINATION METER

< ECU DIAGNOSIS INFORMATION >

[COUPE]

INFOID:0000000009362489

ECU DIAGNOSIS INFORMATION

BCM, COMBINATION METER

List of ECU Reference

ECU	Reference
	BCS-59, "Reference Value"
BCM	BCS-97, "Fail-safe"
BCIVI	BCS-98, "DTC Inspection Priority Chart"
	BCS-99, "DTC Index"
	MWI-57, "Reference Value"
COMBINATION METER	MWI-76, "Fail-Safe"
	MWI-77, "DTC Index"

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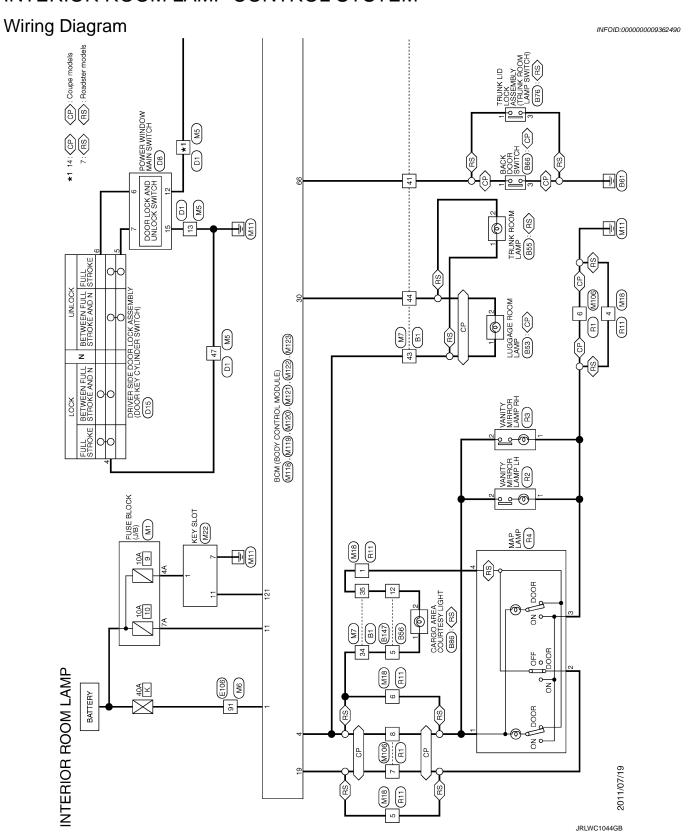
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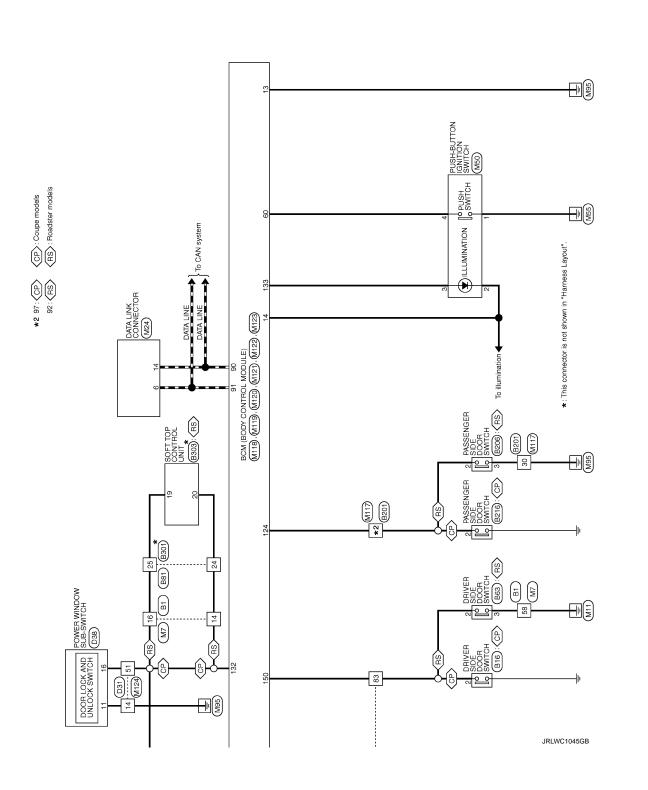
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WIRING DIAGRAM

INTERIOR ROOM LAMP CONTROL SYSTEM





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INTERIOR ROOM LAMP CONTROL SYSTEM

[COUPE] < WIRING DIAGRAM >

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INTERIOR ROOM LAMP							
Connector No. B206	8	1	Connector No.	D1	Connector No.	D8	
Connector Name PASSENGER SIDE DOOR SWITCH	9 7	1 1	Connector Name	WIRE TO WIRE	Connector Name	POWER WINDOW MAIN SWITCH	
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	3 DG	ROOF STRIKER SENSOR RH	35 G	1			
Terminal Color Simal Name [Specification]	4 W	ROOF STRIKER SENSOR LH	\dashv	1	Connector No.	D15	
of Wire	8	REVERSE SIGNAL	\dashv	1	Connector Name	DRIVER SIDE DOOR LOCK ASSEMBLY	
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INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM > [COUPE]

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8 9 10 11 12 14 15 16		38	œ	1	2A	_	1				
		39		1	¥9	>	1				
		40	*	1	7.4	æ					
		41	51	í	¥8	-	1				
Color	Γ	42	es es	1							
No. of Wire Signal Name [Specification]		43	9	1							
	Γ	44	┝	- [Except for roadster models with M/T]							
4 BG	Γ	44	œ	- [Roadster models with M/T]							
+]	-		7							

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	- T 96	97 LG - [Coupe models]	>	98 BG - [Coupe models]	Y/B	W				Connector No. M18	Connector Name WIRE TO WIRE	Т	adk i Abe			17 2 3 4 5 6	9 10 11			Terminal Color Signal Name [Specification]		- × ×	ď	4 B -	۵	2 SHED		ŋ	80 (> = ==	$\frac{1}{1}$													
				l			- 		 	σ	<u>ŏ</u>			ľ	<u> </u>	1		Т			<u> </u>	I					Γ			T	л Т				Τ		Τ					П		T
	-		1	1	1	1	1	-		1	-			- [Coupe models]	- [Roadster models]		1	1				1	,	-				1	-			-	1		1	, ,	1	-		1	-		- [Coupe models]	- [Roadster models]
	В	SHIELD	W	m	Α.	œ	ш	7	٦	œ	GR	œ a	r o	SHIELD	5	œ	SHIELD	> 0	SHIELD	В	_	SHIELD	œ	5	SHIELD	5 >	SHELD	_	ء ء	> a	HE HE	GR	0	> :	> 5	¥ 8	-	PI	>	BR	SB	>-	SB	٦
	27	28 S	31	32	33	34	35	36	40	41	42	43	42	т	П	П	T	21	52 57 S	28	9 5	t	T	64	T	99	Τ	69	0/ 1/2	- 62	73	74	75	8 3	E 8	28 88	8 8	85	98	87	88	93	94	94
ı			Γ		Γ	Γ	Γ		П	1	T	— Т	1		П	_		7								T	Τ	П	T	T	Τ				T	T	T	_	_		П	П	— П	_ Т
	-		1	1	1	1	1	1		ı	1	1			M7	WIRE TO WIRE		TH80MW-CS16-TM4			N T T T T T T T T T				Signal Name [Specification]	1	1	1	1	1	1	1	1	-	1	1 1	1	-	-	1	1	ı	1	1
	BR	>	g	Ь	×	۵	۵	٨	Ь	GR	0	≥ 0	r		Connector No.	Connector Name	2110	Connector Type		v	5				Color	a da	0	ΓG	0 :	> 2	SB	GR	>	> {	# :	> @	>	œ	۰	SB	9	GR	>	α
	85	98	87	89	91	95	93	۱4	اا	_[_[واه	اد		ΙğΙ	100	è	nnect		E					Terminal	- k	. ~	က	4	۰ ۰		6	Ξ	2 !	: ≘	4 12	92	11	18	20	21	22	23	54
			∞	∞	Ĺ		55	94	96	97	86	66	_		Conn	Č	,	Ŝ	Œ	•	•				_	_	_	Ш		<u> </u>	<u> </u>	Ш					L	L	Ц	ᆫ	Ш	Ш	ш	_
			8		 		55	6	96	.6	š		<u>]</u>		Conne	Como	<u> </u>	<u>8</u> T			• 	I			<u>-</u>	T	Ι		I	<u> </u>						1 T	L	L				П		 T
ROOM LAMP	М6	Dam OT John					20 20 20 20 20 20 20 20 20 20 20 20 20 2	50 G	96 88 88 88 88 88 88 88 88 88 88 88 88 88	25 No. (25)			Signal Name [Specification]	-	Conn					-		1	1				1	1				1	1	-	- [With A/T]				1	1		-	-	1
OR ROOM LAN	Connector No. M6		WIRE TO WIRE	Connector Type TH80MW-CS16-TM4 8			2	50 G	8 8 8 8	25 No. (25)			Color Signal Name [Specification] of Wire			-	1				13 1	, a	- M 91	Н	I	H de				n av		TG TG	42 R -	5		- [With M/1]		BR	SHIELD	1	В		GR	^

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INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM > [COUPE]

Properties Pro		84 8 8	
REY BOOM LAMP	WITT WIRE TO WIRE THROWN-CS16-TM4	Code Content	
R ROOI WEAT SECONDS WE WENT SECONDS WE WE WENT SECONDS WE WINT SECONDS WE WI		MINE TO WIRE T	
	IOR ROOM LAMP o. M22 imme KEY SLOT ype THIZPW-NH 1 2 3 5 7 11	Color Colo	

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INTERIC	INTERIOR ROOM LAMP									
Connector No.	M118	Connec	Connector No.	M120	Connector No.	П	M122	Connector No.	r No.	M123
Connector Name	ne BCM (BODY CONTROL MODULE)	Connec	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name		BCM (BODY CONTROL MODULE)	Connector Name	r Name	BCM (BODY CONTROL MODULE)
Connector Type	e M03FB-LC	Connec	Connector Type	NS12FW-CS	Connector Type	П	TH40FB-NH	Connector Type	r Type	TH40FG-NH
E		Œ	•		匮			Œ		
<u>e</u>		1	ź.	20 23 24 25 30		31 90	68 87			
Terminal Co No. of V	Color Signal Name [Specification]	Terminal No.	nal Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
-	W BAT (F/L)	20	>	TURN SIGNAL RH (REAR)	72	٦	ROOM ANT 2-	113	0	OPTICAL SENSOR
2 ,	W POWER WINDOW POWER SUPPLY (BAT)	23	-	BACK DOOR OPEN OUTPUT [Coupe models]	73	۵	ROOM ANT 2+	114	œ	CLUTCH INTERLOCK SW
8	Y POWER WINDOW POWER SUPPLY (IGN)	23	>	TRUNK LID OPEN OUTPUT [Roadster models]	74	SB	PASSENGER DOOR ANT-	115	0	1
		24	+	REAR FOG OUTPUT	75	BR	PASSENGER DOOR ANT+	116	SB	STOP LAMP SW 1
		25	7	TURN SIGNAL LH (REAR)	76	> 9	DRIVER DOOR ANT-	£ 3	a 8	STOP LAMP SW 2
Connector No.		8	r	LUGGAGE/ IRUNK ROOM LAMP OUTPUT	7	2 .	DHIVER DOOK AN I +	E :	27 4	DR DOOR UNLOCK SENSOR
Connector Name	ne BCM (BODY CONTROL MODULE)				8/ 02	۵ د	ROOM ANI 1-	121	¥ 3	KEY SEOT SW
Connector Type	NS16FW-CS	Connec	Connector No.	M121	80	ag ag	NATS ANT AMP	124	5	PASSENGER DOOR SW
	1	,			-8	>	NATS ANT AMP.	129	0	TRUNK LID OPENER CANCEL SW
Œ		Connec	Connector Name	BCM (BODY CONTROL MODULE)	82	œ	IGN RELAY (F/B) CONT	130	٦	REAR DEFOGGER SW
		Connec	Connector Type	TH40FGY-NH	83	GR	KYLS ENT RECEIVER (FRONT) COMM	132	>	P/W SW & SOFT TOP C/U COMM [Roadster models]
Ž	8 !				87	BR	COMBI SW INPUT 5	132	>	POWER WINDOW SW COMM [Coupe models]
	11 13 14 15 17 18 19	ß	•		88	^	COMBI SW INPUT 3	133	g	PUSH BUTTON IGNITION SWILL POWER
		7	Ę		90	۵	CAN-L	134	GR	LOCK IND
		1	<u>□</u> 2	47 00 00 00 00 00 00 00 00 00 00 00 00 00	91	_	CAN-H	137	۵	RECEIVER &SENSOR GND
			1	201 001 001 001 001 001 001 001 001 001	92	PC	KEY SLOT ILL	138	>	RECEIVER & SENSOR POWER SUPPLY
la l	Color Signal Name [Specification]				93	>	ON IND	139	٦	TIRE PRESS RECEIV COMM
No.	92				95	0	ACC RELAY CONT	140		P/N POSITION
4 п	R INTERIOR ROOM LAMP POWER SUPPLY DASSENGED DOOD IN OCK OUTDIT	Taxonina	John		96	> 0	A/T SHIFT SELECTOR POWER SUPPLY	141	≻ c	SECURITY INDICATOR
+	ALL DOOR, FUEL	Š	_	Signal Name [Specification]	9	. B	PASSENGER DOOR REQUEST SW	143	0	COMBI SW OUTPUT 1
H		34	9	LUGGAGE/TRUNK ROOM ANT-	101	>	DRIVER DOOR REQUEST SW	144	Ð	COMBI SW OUTPUT 2
11	BR BAT (FUSE)	32	œ	LUGGAGE/TRUNK ROOM ANT+	102	0	BLOWER FAN MOTOR RELAY CONT	145	٦	COMBI SW OUTPUT 3
13	B GROUND	38	В	REAR BUMPER ANT-	103	PT	KYLS ENT RECEIVER (FRONT) PWR SUPPLY	146	SB	COMBI SW OUTPUT 4
14	R PUSH-BUTTON IGNITION SW ILL GND	39	W	REAR BUMPER ANT+	107	FIG	COMBI SW INPUT 1	150	GR	DRIVER DOOR SW
15	Y ACC IND	47	^	IGN RELAY (IPDM E/R) CONT	108	ч	COMBI SW INPUT 4	151	5	REAR WINDOW DEFOGGER RELAY CONT
17 /		52		STARTER RELAY CONT	109	>	COMBI SW INPUT 2			
18	_	90	æ	PUSH SW	110	а	HAZARD SW			
19	P ROOM LAMP TIMER CONTROL	61	*	BACK DOOR/TRUNK LID DOOR REQUEST SW						
		64	+	I-KEY WARN BUZZER (ENG ROOM)						
		99	+	BACK DOOR/TRUNK ROOM LAMP SW						
		67	GR	BACK DOOR/TRUNK LID OPENER SW						

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Connector No. R4 Connector Name MAP LAMP Connector Type TK08FGY H.S.	Terminal Color No. of Wire 1 R R 2 V 3 B B 4 SSB 6 CR CR C 6 GR	Connector No. R11 Connector Name WIRE TO WIRE Connector Type TH12FW-NH L.S. E 5 4 3 2 1	Terminal Color Signal Name [Specification] 1 SS
1 B	Connector Type MCAGZFW H.S. [1]	October Signal N B B R R A A A A A A A A A A A A A A A A	Terminal Color
INTERIOR ROOM LAMP Connector No. MI24 Connector Name When TH40MM-CS15 TH40MM-CS15 TH2151515151511011010101010101010101010101	re Signal Name	A S S S S S S S S S S S S S S S S S S S	No. RI Name WIRE TO WIRE Type TH16FW-NH
INTERIOF Connector No. Connector Name Connector Type H.S.	<u> </u>	19 23 28 28 28 38 44 44 44 50 50 50 50 50 50 50 50 50 50 50 50 50	Connector No.

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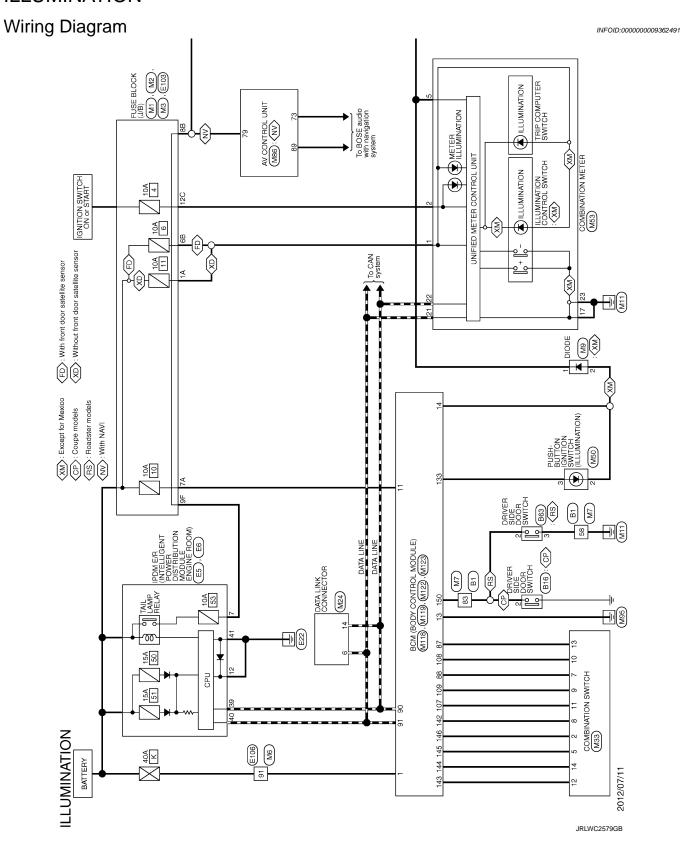
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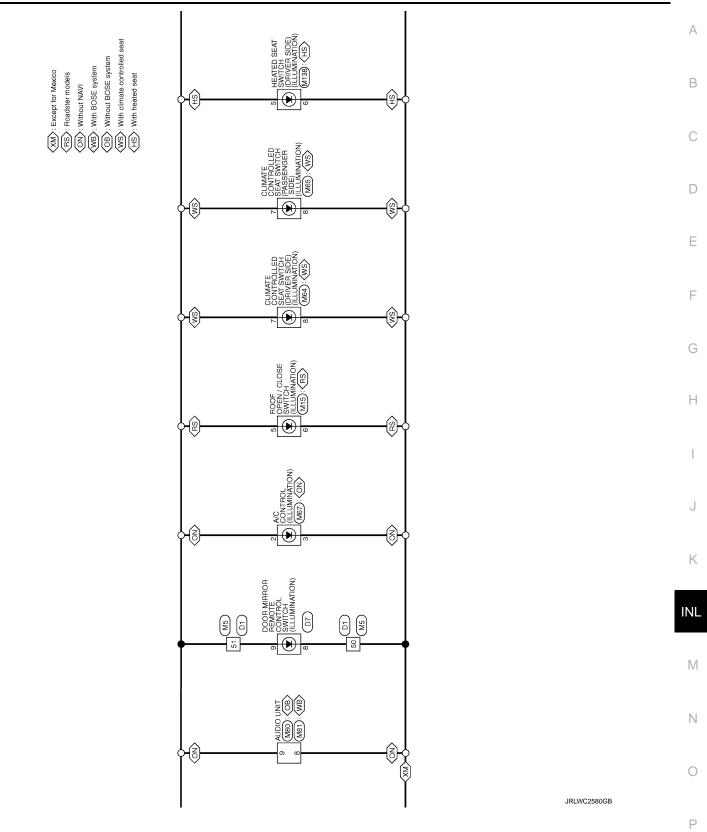
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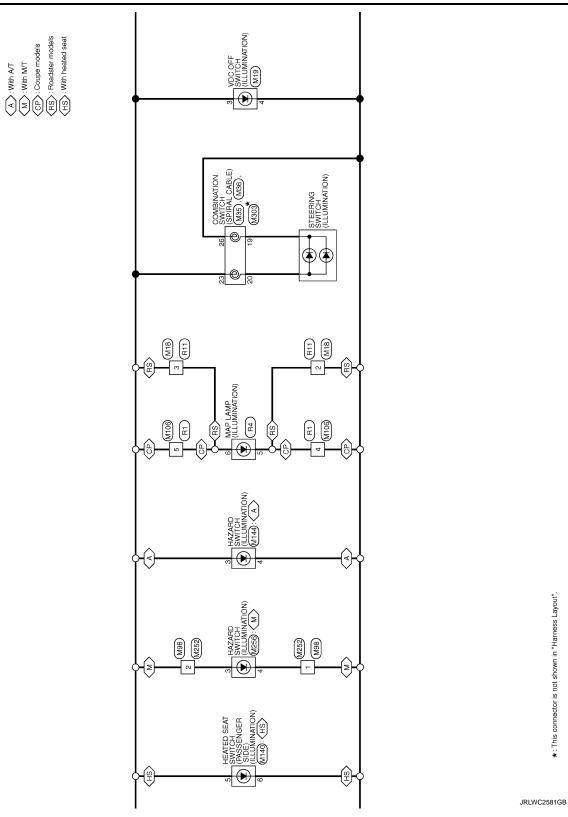
< WIRING DIAGRAM > [COUPE]

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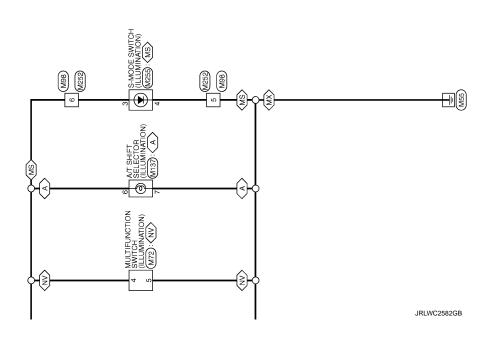
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Colore C	D1 NME TO WISE Terminal Color Signal Name Specification No. of Wire Signal Name Specification
Signal Name (Specification) Sign	1111 ⊆
Miles Control Contro	- [Coupe models] - [Roadster models] - [Coupe models] - [Roadster models]
A T T O N Wife To	j > - 0 8 0 - >
N	94 94 95 95 95 96 96 96 96 96 96 96 96 96 96 96 96 96
	Coups models
	SHELD W W B P P

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	46	47	28	e e	2 8	3 5	82	88	88	82	98	87	88	16	92	93	94	96	97	86	66	100																												
	ı	1	1	T .		1	í			M6	ON OF HOM	mile 10 mile	TH80MW-CS16-TM4		2 2		16 00 00 00 00 00 00 00 00 00 00 00 00 00				-	Signal Name [Specification]						1		1	1	1	1	1	1	1	1	-	1	1	1	i	1	1	i	1	1	- [With A/T]	- [With M/T]	1
	SB	>	*	r -	3	: 0	œ			tor No.	N	oli ilgali io	Connector Type	•	_	e	į				- 1	al Color	ot Wira	-	-	۵ د	۵	В	S.	œ	-	g	۵	Α	æ	GR	œ	BR	>	SB	>	P	SB	>	PP P	ď	g	g	œ	0
	48	49	20	o 5	52 52	24	22			Connector No.	Č		Connect	ą	B	Ŧ	-					Terminal	ġ -	- m	,	,	- 00	6	Ξ	12	5	4	15	16	17	20	21	31	32	36	37	38	88	4	14	45	43	44	44	45
ION	M3	FUSE BLOCK (J/B)		NS1ZFW-US			$\overline{\mathbb{I}}$	12C 11C 10C 9C 7C 6C				Simal Nama [Spacification]	Tipopolio del cine de la constanta de la const	1	-	-	-	1	_			M5	WIRE TO WIRE	TH40MW-GS15				1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18 19 2021 22 23 24 29 25 (20 30 30 30 40 41 42 43 44 45 46 51 20 20 20 20 20 20 20 20 20 20 20 20 20				3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Signal Name [Specification]	1	1		-	-	1	1	1	1	1	1	1	1	1	1	1
≨ા	Т		Т	1	_							Color	of Wire	œ	В	0	٦	Pl	0			Т		Т	1	_	<u></u>		1617				Color	of Wire	>	>	5	^	^	_	ш	>	×	>	Y/B	>	SHIELD	BB	٦	В
ILLUN	Connector No.	Connector Name		Connector	1	手	Z S					Terminal	No.	9	7C	90	10C	110	12C			Connector No.	Connector Name	Connector Type		1	Ŧ,	2					Terminal	No.	7	8	6	10	11	12	13	14	12	19	23	25	26	35	44	47

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< WIRING DIAGRAM > [COUPE]

SHELD Convector Type	ILLUMINATION Connector No. M7		46	Н	- [Roadster models]	Connector No.	М	Terminal Color Signal Name (Specification)
Secondary Seco	TRE TO WIRE		48	\top		Connector Name	DIODE	
1 1 1 1 1 1 1 1 1 1	H80MW-CS16-TM4		51	+		Connector Type	24335_C9900	≥ 0
Control Cont		25.5	57	+		Œ		: 00
Control of the cont		242(3(3)	8 09	╀		H.S.		n œ
Control Cont			19	П	-		1	SHIELD
Signal than Specification		130	62	\top				× 5
Signat Name (Specification) Control Name (Specification)			64	+				9 8
1		ecification	65	\dashv				9
Signature Sign			99	+				>-
10 10 10 10 10 10 10 10			67	┰		+	-	
77 P P			80 09	\top		+	1	Connector No M10
17 V			8 2	+				D 180
17 18 19 .			-	╀	1	Connector No.	M15	
14 15 15 15 15 15 15 15	-		72	╀			TOOLS TOO TO THE TOO TO TOO	Connector Type TK04FW
75 G. G. Commercer Type			73	⊢	1	Connector Name	ROOF OPEN / GLOSE SWITCH	
10 10 10 10 10 10 10 10			74	-		Connector Type	TK06FW-1V	
Sign W Colore model Colore m			75	H				
1	-		80	Н				i i
Sign Graph Colore			8	Н		Ę	5	3214
Sign Color	1		82	┥		2	200	
Secondary Color			83	\dashv				
Sign V Conger models Conger mod	1		84	+				
Sign W Color C	1		82	+				Color
Signature Sign	-		98	+				of Wire
Sign V Cloque models Sign Cloque models Sign V Sign V Sign V Sign Cloque models Sign V Sign			8 00	+				21 0
Signature Sign			8 8	+		Т		0 0
1			96	╀		╀		× ×
SS GR			94	┝		╁	1	┨
Signature Sign			95	H			-	
95	1		95	H		H	1	
100 B			96	H		ł		
Signature Sign			97					
Signature Sign			97			Connector No.	M18	
2 99 Y/B - [Roadster models] Cornector Type H712MV-NH 100 NB - 1	-		86	Н		Connector Name	WIDE TO WIDE	
- 99 W - Commercer Type THI2MW-NH THI2	-		86	Н		CONTINECTOR INSTITLE	MINE 10 MINE	
100 B 1011	-		66	-		Connector Type	TH12MW-NH	
12 3 4 5 1 2 3 4 1 2 3 4 5 1 2 3 4 1 2 3			100	┖				
12 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 1 2 3 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1		Œ		
12 3 4 5 12 3 4 5 12 3 4 5 13 4 5 14 5 15 1 6 15 1	1					ALT.		
	1					Š	2 3 4 5	
							7 8 9 10 11 12	
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-	8	18 V AMBIENT SENSOR SIGNAL	, R	٦	Ь	23 B GROUND		Connector No M64	١,					7 2 2 3 3	000			Terminal Color Signal Name [Specification]		> >	. a	4 BR –	5 GR -	H	8 R -																
	Connector No. M50	Connector Name PUSH-BUTTON IGNITION SWITCH	Connector Type TK08FBR		F	HS.	4 5 6 7 8			Terminal Color Signal Name [Specification]	1 8	2 R -	9	4 BR	£5 >	- >	п п		Γ	Т	Connector Name COMBINATION METER	Connector Type TH24FW-NH	£		123456 89101112	15 16 17 18 19 20 21 22 23 24		180	No. of Wire Office International Control of Wire	2 O IGNITION SIGNAL	L VEHICLE	4 Y VEHICLE SPEED SIGNAL (8-PULSE) [Except for Mexico.]	4 V VEHICLE SPEED SIGNAL (8-PULSE) [For Mexico]	5 B ILLUMINATION CONTROL SIGNAL	6 R ROOF STATUS SIGNAL	Ħ	BR	L COMMUNICATION S	11 Y AT_SNOW	5 -	- B
		13 BR INPUT 5	, ,		Connector No. M35	Connector Name COMBINATION SWITCH (SPIRAL CABLE)	Connector Type TK06FY-EX-1V	4		23 28 29 30			ŀ	Terminal Color Signal Name [Specification]	t	+	29 Y -	30 Y -		Connector No M36	Γ	Connector Name COMBINATION SWITCH (SPIRAL CABLE)	Connector Type TK08FGY-1V	48	<u></u>	24 25 26	3		Terminal Color Signal Name [Specification]	t	╀	26 W -	31 L	32 Y -	33 B -	34 LG -					
₹	Connector No. M24	Connector Name DATA LINK CONNECTOR	Connector Type BD16FW			H.S.	34567			Terminal Color Signal Name [Specification]		3 Y - [Roadster models]	+	- B	J >	- 5 - 8	H	Н	- t	- 4		Connector No. M33	Connector Name COMBINATION SWITCH	Connector Type TH16FW-NH	Œ		1123 1456	9 10 11 12 13			of Wire Signa	1 P FR WASHER (-)	2 SB OUTPUT 4	3 W WASHER MOTOR	4 G WASHER_MTR POWER SUPPLY	٦	В	> 0	8 0 OUTPUT 5	2 OTNI	97 LG

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Connector No. M65	Connector No.	M72	Connector No.	M81	17	SHIELD	MICROPHONE GND
Connector Name CLIMATE CONTROLLED SEAT SMITCH (PASSENGER SIDE)	Connector Name	MULTIFUNCTION SWITCH	Connector Name	AUDIO UNIT	72	~	MICROPHONE VCC
Т		T		Т	2	5 1	COMM (CONI->DISP)
Connector Type TKU8FBR	Connector Type	e IH16FW=NH	Connector Type	TH18FW=CS2	4	2	CAN-L
ą.	ą		ą		75	9] :	AV COMM (L) [Coupe models]
至	至		至力		75	>	AV COMM (L) [Roadster models]
	Ē	[Ę		76	P.	AV COMM (L) [Coupe models]
7 .	į	(2	1123456789	76	>	AV COMM (L) [Roadster models]
456/8		Ω Ω		14 15 16	79	۳	TLL+
		135 8			80	G	IGNITION SIGNAL
					81	0	REVERSE SIGNAL
					82	Υ	VEHICLE SPEED SIGNAL (8-PULSE)
Color	Terminal	Color	Terminal Color	or S:3,8	83	8	SHIELD
No. of Wire olgnar Name Lopecinication	No. of	of Wire	No. of Wire		84	٨	1
	-	B GROUND	1	BOSE AMP. ON SIGNAL	87	ŋ	MICROPHONE SIGNAL
2 6 -	3	T ACC	2 1.6	SOUND SIGNAL FRONT LH (+)	88	œ	COMM (DISP->CONT)
3 -	4	R ILL	3	SOUND SIGNAL FRONT LH (-)	06	٦	CAN-H
	2	W ILL CONT	4	SOUND SIGNAL REAR LH (+)	91	>	AV COMM (H) [Coupe models]
- × 2	9	LG AV COMM (H) [Coupe models]	5 R	SOUND SIGNAL REAR LH (-)	91	PC	AV COMM (H) [Roadster models]
- 8 9	9	AV COMM (H) [Roadster models]	9 9	STRG SW A	92	>	AV COMM (H) [Coupe models]
- B	80	AV COMM (L) [Coupe models]	7	ACC	92	FG	AV COMM (H) [Roadster models]
α 8	80	P AV COMM (L) [Roadster models]	8 W	() IIT (-)			
	+		+				
	╀	DISK	5		Connector No.	l	86×
Connector No. M67	1	=	t	SOLIND SI		Γ	
Т			1 0	-	Connector Name		WIRE TO WIRE
Connector Name A/C CONTROL	Connector No	Men	╀	+	Connector Type	Τ	THOSEWINH
Connector Type TuloEB-NH		Т	+	+		7	
1	Connector Name	he AUDIO UNIT	+	+	Œ		
₫.	T	T	+		手		[
子	Connector 1 yp	e IHI8FW-CS2	+	+			-{
	4		80 9	VEHICLE SPEED SIGNAL (8-PULSE)			4 3 2 1
12345	至于		+				8 7 6 5
т	SI.		ZO SHIELD				
		23 6789					
		19 11 12 12 16					
Н			Colliscon No.	Moto	lerminal	Color Mino	Signal Name [Specification]
No of Wire Signal Name [Specification]			Connector Name	a AV CONTROL UNIT	-	2 0	1
t	-		Constant Time	THE STATE OF THE S	- 0		
- Alloring		Outer Signal Name [Specification]	ndf months	7	4 0	2 5	
4 3	t	(*) HI GOONT SPEAKED IN (*)	Œ		,	5 0	
+	7	SOUND SIGNAL PRONT SPEAKER LITE.	至		,		i
1.	+	$^{+}$	\ \ \		n		
1	9	P STRG SW A		82	9	_	1
6 B GROUND	+				7	8	1
	60	W ILL (-)			80	5	1
	\dashv	+					
	=	V SOUND SIGNAL FRONT SPEAKER RH (+)					
	12	LG SOUND SIGNAL FRONT SPEAKER RH (-)	Terminal Color	or Signal Name [Specification]			
	+		+	STANDARD DOWN STONAY			
	9	a sind sw b	+	_			
	61	Y BAIIERY	+	COMPOSITE IMAGE GND			
			99 B	$\frac{1}{2}$			

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[COUPE]

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Connector No. M106	Connector No.	M119	\dashv	KYLS EN	\dashv	P/N POSITION
Connector Name WIRE TO WIRE	Connector Name	BCM (BODY CONTROL MODULE)	87 88	COMBI SW INPUT 5	141 7	SECURITY INDICATOR
Connector Type TH16MW-NH	Connector Type	NS16FW-CS	+	CAN-L	╁	COMBI SW OUTPUT 1
	1		┝	CAN-H	H	COMBI SW OUTPUT 2
Œ	ß		92 LG	KEY SLOT ILL	145 L	COMBI SW OUTPUT 3
	Ę	1 8 9 9	93	ON IND	146 SB	COMBI SW OUTPUT 4
6.2	ė.	17 10	95 0	ACC RELAY CONT	150 GR	Н
11 12 13		4	Н	A/T SHIFT SELECTOR POWER SUPPLY	151 G	REAR WINDOW DEFOGGER RELAY CONT
1 0 7			-	4		
			100 GR	ď		
- 1			101 Y	DRIVER DOOR REQUEST SW	Connector No.	M137
Terminal Color Signal Name [Specification]	Terminal Color No of Wire	Signal Name [Specification]	0 201	BLOWER FAN MOTOR RELAY CONT	Connector Name	A/T SHIFT SELECTOR
+	t	INTERIOR ROOM LAMP POWER SUPPLY	╀	т	Connector Type	TK10FW
5	2	PASSENGER DOOR UNLOCK OUTPUT	┝			
H	8	ALL DOOR, FUEL LID LOCK OUTPUT	L	COMBI SW INPUT 2	C	
7 P -	5	DRIVER DOOR, FUEL LID UNLOCK OUTPUT	110 P	HAZARD SW	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
\dashv	11 BR	BAT (FUSE)			2	1
\dashv	\dashv	GROUND				01881910
12 G -	7. T	PUSH-BUTTON IGNITION SWILL GND	Connector No.	M123		
_	+	ACC IND	Connector Name	BCM (BODY CONTROL MODULE)		
σ́.	+	TURN SIGNAL RH (FRONT, SIDE)		Т	ŀ	
+	\dashv	TURN SIGNAL LH (FRONT, SIDE)	Connector Type	TH40FG-NH	la l	Signal Name [Specification]
- c c c c c c c c c c c c c c c c c c c	19 P	ROOM LAMP TIMER CONTROL	q		No. of Wire	
			生力		× :	-
-	ſ		\ \ \ \		2 <	'
Connector No. M118	Connector No.	M122		139 129 130 131 141 142 123 121 119 118 119 119 119 119 119 119 119 11	+	
Connector Name BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)		201 CO 100	4 (-
Connector Tone MOSED-I C	Connector Type	TO SOCIAL			5 Q	
DE COMPANY OF THE COM	1				+	
	4		Terminal Color		. 8	
	手		_	re Signal Name [Specification]	╀	
1 3	H.S.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	113 0	OPTICAL SENSOR	01	
	101	30 100 100 100 100 100 100 100 100 100 1	114 R	CLUTCH INTERLOCK SW		
			╀	1		
			116 SB	STOP LAMP SW 1		
			╀			
	Terminal Color	2	119 SB	DR DOOR UNLOCK SENSOR		
No. of Wire Signal Name [Specification]	_	Signal Name [Specification]	╀	L		
1 W BAT (F/L)	72 L	ROOM ANT 2-	123 W	IGN F/B		
2 W POWER WINDOW POWER SUPPLY (BAT)	73 P	ROOM ANT 2+	124 LG	PASSENGER DOOR SW		
L	74 SB	PASSENGER DOOR ANT-	H	TRUI		
	75 BR	PASSENGER DOOR ANT+	130 L	REAR DEFOGGER SW		
	76 V	DRIVER DOOR ANT-	132 V	P/W SW & SOFT TOP C/U COMM [Roadster models]		
	17 LG	DRIVER DOOR ANT+	132 Y	POWER WINDOW SW COMM [Coupe models]		
	78 L	ROOM ANT 1-	133 G	PUSH BUTTON IGNITION SW ILL POWER		
	79 R	ROOM ANT 1+	134 GR			
		NATS ANT AMP.		RECEIVER &SENSOR GND		
	+	NATS ANT AMP.	138 V	RECEIVER & SENSOR POWER SUPPLY		
	82 R	IGN RELAY (F/B) CONT	139 L	TIRE PRESS RECEIV COMM		

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< WIRING DIAGRAM > [COUPE]

Оотпесток No. М303 Сотпесток Name Сомшамлтон swrtch (sятал, Слац.в.) Сотпесток Туре ТКОВГОУ Н.S. 20 19 18 17 16 15 14 13	Terminal Codor Signal Name [Specification] 13	
Connector No. M255 Connector Name S-MODE SWITCH Connector Type TXCMFCY H.S. 31124	Terminal Color Signal Name Specification	
Connector No. MI 44 Connector Nume HAZARD SWITCH Connector Type TYGORW H.S.	Color Colo	
ILLUMINATION Connector No. M138 Connector Name REATED SEAT SWITCH (ORRVER SIDE) Connector Type NSOFFW-CS H.S. E. C.	Corrector Name Signal Name Specification Corrector Name Signal Name Specification Corrector Name Name Specification Corrector Name Name Specification Name Specification Name Specification Name Specification Corrector Type National Name Specification Name Name Specification Name Name Name Name Specification Name	

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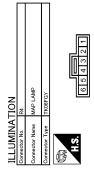
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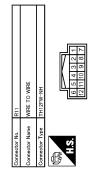
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< WIRING DIAGRAM > [COUPE]







Signal Name [Specification]	-	-	-	=	-	-	=	-	-	-	=	-
Color of Wire	SB	В	Я	В	۸	В	SHIELD	В	9	В	9	Y
Terminal No.	1	2	3	4	2	9	7	8	6	10	11	12

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[COUPE] < BASIC INSPECTION >

BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow INFOID:0000000009362492

OVERALL SEQUENCE

D Inspection start Е 1. Get information for symptom Get the detailed information about symptom from the customer 2. Check DTC Print out DTC and freeze frame data (or, write it down). Check related service bulletines. Symptom is described. Symptom is not described. Symptom is described. DTC is detected. DTC is detected. DTC is not detected. 3. Confirm the symptom 4. Confirm the symptom Try to confirm the symptom described Try to confirm the symptom described by the customer. by the customer. Also study the normal operation and failsafe related to the symptom. 5. Perform DTC CONFIRMATION PROCEDURE 6. Detect malfunctioning system by K SYMPTOM DIAGNOSIS 7. Detect malfunctioning part by Diagnosis Procedure Symptom is INL Symptom is not described. 8. Repair or replace the malfunctioning part Check input/output signal or voltage DTC is 9. Final check Ν Symptom remains. detected. Check that the symptom is not detected. Perform DTC Confirmation Procedure again, and then check that the malfunction is repaired. DTC is not detected. Symptom does not remain. Р INSPECTION END

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION > [COUPE]

1.GET INFORMATION FOR SYMPTOM

- 1. Get detailed information from the customer about the symptom (the condition and the environment when the incident/malfunction occurs).
- 2. Check operation condition of the function that is malfunctioning.

>> GO TO 2.

2.CHECK DTC

- 1. Check DTC.
- 2. Perform the following procedure if DTC is detected.
- Record DTC and freeze frame data (Print them out using CONSULT.)
- Erase DTC.
- Study the relationship between the cause detected by DTC and the symptom described by the customer.
- 3. Check related service bulletins for information.

Are any symptoms described and any DTC detected?

Symptom is described, DTC is detected>>GO TO 3.

Symptom is described, DTC is not detected>>GO TO 4.

Symptom is not described, DTC is detected>>GO TO 5.

3.CONFIRM THE SYMPTOM

Try to confirm the symptom described by the customer.

Also study the normal operation and fail-safe related to the symptom.

Verify relation between the symptom and the condition when the symptom is detected.

>> GO TO 5.

4. CONFIRM THE SYMPTOM

Try to confirm the symptom described by the customer.

Verify relation between the symptom and the condition when the symptom is detected.

>> GO TO 6.

5. PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC CONFIRMATION PROCEDURE for the detected DTC, and then check that DTC is detected again. At this time, always connect CONSULT to the vehicle, and check self diagnostic results in real time. If two or more DTCs are detected, refer to DTC INSPECTION PRIORITY CHART, and determine trouble diagnosis order.

NOTE:

- Freeze frame data is useful if the DTC is not detected.
- Perform Component Function Check if DTC CONFIRMATION PROCEDURE is not included on Service Manual. This simplified check procedure is an effective alternative though DTC cannot be detected during this check.

If the result of Component Function Check is NG, it is the same as the detection of DTC by DTC CONFIR-MATION PROCEDURE.

Is DTC detected?

YES >> GO TO 7.

NO >> Check according to GI-45, "Intermittent Incident".

6.DETECT MALFUNCTIONING SYSTEM BY SYMPTOM DIAGNOSIS

Detect malfunctioning system according to SYMPTOM DIAGNOSIS based on the confirmed symptom in step 4, and determine the trouble diagnosis order based on possible causes and symptom.

Is the symptom described?

YES >> GO TO 7.

NO >> Monitor input data from related sensors or check voltage of related module terminals using CON-SULT.

7. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

DIAGNOSIS AND REPAIR WORK FLOW [COUPE] < BASIC INSPECTION > Inspect according to Diagnostic Procedure of the system. Α Is malfunctioning part detected? YES >> GO TO 8. NO >> Check according to GI-45, "Intermittent Incident". В 8.repair or replace the malfunctioning part Repair or replace the malfunctioning part. Reconnect parts or connectors disconnected during Diagnostic Procedure again after repair and replace-Check DTC. If DTC is detected, erase it. D >> GO TO 9. 9. FINAL CHECK When DTC is detected in step 2, perform DTC CONFIRMATION PROCEDURE again, and then check that the Е malfunction is repaired securely. When symptom is described by the customer, refer to confirmed symptom in step 3 or 4, and check that the symptom is not detected. F Is DTC detected and does symptom remain? YES-1 >> DTC is detected: GO TO 7. YES-2 >> Symptom remains: GO TO 4. >> Before returning the vehicle to the customer, always erase DTC. NO Н K INL Ν

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INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

DTC/CIRCUIT DIAGNOSIS

INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

Description INFOID:0000000009362493

Provides the interior room lamp power supply. Also cuts the power supply when the interior room lamp battery saver activating.

Component Function Check

INFOID:0000000009362494

1. CHECK INTERIOR ROOM LAMP POWER SUPPLY FUNCTION

PCONSULT ACTIVE TEST

- 1. Turn the ignition switch ON.
- 2. Turn each interior room lamp ON.
- Map lamp
- Vanity mirror lamp
- Luggage room lamp
- 3. Select "BATTERY SAVER" of BCM (BATTERY SAVER) active test item.
- 4. With operating the test items, check that each interior room lamp turns ON/OFF.

Off : Interior room lamp OFF
On : Interior room lamp ON

Does the interior room lamp turn ON/OFF?

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

NO >> Refer to INL-46, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000009362495

1. CHECK INTERIOR ROOM LAMP POWER SUPPLY OUTPUT

PCONSULT ACTIVE TEST

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

	Terminals		Test item	
(-	+)	(-)	iest itemi	Voltage
ВС	CM		BATTERY	(Approx.)
Connector	Terminal		SAVER	
		Ground	Off	0 V
M119	4		On	Battery voltage

Is the measurement value normal?

YES >> GO TO 2.

NO >> Replace BCM.

2.CHECK INTERIOR ROOM LAMP POWER SUPPLY OPEN CIRCUIT

- Turn the ignition switch OFF.
- Disconnect the following connectors.
- Map lamp
- Vanity mirror lamp (LH)
- Vanity mirror lamp (RH)
- Luggage room lamp
- Check continuity between BCM harness connector and each interior room lamp harness connector.

INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

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В	СМ	Each interio	or room lan	пр	Continu-
Connec- tor	Terminal	Connecto	r	Terminal	ity
		Map lamp	R4	1	
		Vanity mirror lamp (LH)	R2	2	
M119	4	Vanity mirror lamp (RH)	R3	2	Existed
		Luggage room lamp	B53	1	

Does continuity exist?

YES >> GO TO 3.

NO >> Repair the harnesses or connectors.

3. CHECK INTERIOR ROOM LAMP POWER SUPPLY SHORT CIRCUIT

Check continuity between BCM harness connector and the ground.

В	CM		Continuity
Connector	Terminal	Ground	Continuity
M119	4		Not existed

Does continuity exist?

YES >> Repair the harnesses or connectors.

NO >> Check that each interior room lamp has no internal short circuit.

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INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

INTERIOR ROOM LAMP CONTROL CIRCUIT

Description INFOID.000000009362496

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:0000000009362497

CAUTION:

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

- Interior room lamp power supply
- Map lamp bulb

${f 1}$.CHECK INTERIOR ROOM LAMP CONTROL FUNCTION

PCONSULT ACTIVE TEST

- 1. Turn the ignition switch ON.
- Switch the map lamp switch to DOOR.
- 3. Select "INT LAMP" of BCM (INT LAMP) active test item.
- With 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 dim-

ming

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

YES >> Interior room lamp control circuit is normal.

NO >> Refer to INL-48, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000009362498

1. CHECK INTERIOR ROOM LAMP CONTROL OUTPUT

PCONSULT ACTIVE TEST

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

В	CM		Test item	Continuity
Connector	Terminal	Ground	INT LAMP	Continuity
M119	19	Ground	On	Existed
IVITIS	19		Off	Not existed

Is the measurement value normal?

YES >> GO TO 2.

Fixed ON>>GO TO 3.

Fixed OFF>>Replace BCM.

2.CHECK INTERIOR ROOM LAMP CONTROL OPEN CIRCUIT

- 1. Turn the ignition switch OFF.
- Disconnect BCM connector and map lamp connector.
- Check continuity between BCM harness connector and map lamp harness connector.

INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

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В	CM	Мар	lamp	Continuity
Connector	Terminal	Connector	Terminal	Continuity
M119	19	R4	2	Existed

Does continuity exist?

YES >> Replace the map lamp.

NO >> Repair the harnesses or connectors.

${f 3.}$ CHECK INTERIOR ROOM LAMP CONTROL SHORT CIRCUIT

- Turn the ignition switch OFF.
- 2. Disconnect BCM connector and map lamp connector.
- Check continuity between BCM harness connector and the ground.

ВС	СМ		Continuity
Connector	Terminal	Ground	Continuity
M119	19		Not existed

Does continuity exist?

YES >> Repair the harnesses or connectors.

NO >> Replace BCM.

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< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

LUGGAGE ROOM LAMP CIRCUIT

Description INFOID.000000009362499

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

Component Function Check

INFOID:0000000009362500

CAUTION:

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

- Interior room lamp power supply
- Luggage room lamp bulb
- 1. CHECK LUGGAGE ROOM LAMP OPERATION

(R)CONSULT ACTIVE TEST

- 1. Turn the ignition switch ON.
- 2. Select "LUGGAGE LAMP TEST" of BCM (INT LAMP) active test item.
- 3. With operating the test items, check that luggage room lamp turns ON/OFF.

On : Luggage room lamp ON
Off : Luggage room lamp OFF

Does the luggage room lamp turn ON/OFF?

YES >> Luggage room lamp circuit is normal. NO >> Refer to <u>INL-50</u>, "<u>Diagnosis Procedure</u>".

Diagnosis Procedure

INFOID:0000000009362501

1. CHECK LUGGAGE ROOM LAMP OUTPUT

PCONSULT ACTIVE TEST

- 1. Turn the ignition switch OFF.
- Remove luggage room lamp bulb.
- 3. Turn the ignition switch ON.
- Select "LUGGAGE LAMP TEST" of BCM (INT LAMP) active test item.
- 5. With operating the test item, check continuity between BCM harness connector and the ground.

BCM			Test item	
Connector	Terminal	Ground	LUGGAGE LAMP TEST	Continuity
M120 30			On	Existed
IVITZO	30		Off	Not existed

Is the measurement value normal?

YES >> GO TO 2.

Fixed ON>>GO TO 3.

Fixed OFF>>Replace BCM.

2.CHECK LUGGAGE ROOM LAMP OPEN CIRCUIT

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

BCM		Luggage room lamp		Continuity
Connector	Terminal	Connector Terminal		Continuity
M120	30	B53	2	Existed

Does continuity exist?

YES >> Replace the luggage room lamp.

LUGGAGE ROOM LAMP CIRCUIT

LUGGAGE ROOM LAMP CIRCUI

[COUPE]

NO >> Repair the harnesses or connectors.

3.CHECK LUGGAGE ROOM LAMP SHORT CIRCUIT

1. Turn the ignition switch OFF.

< DTC/CIRCUIT DIAGNOSIS >

- 2. Disconnect BCM connector and luggage room lamp connector.
- 3. Check continuity between BCM harness connector and the ground.

В	СМ		Continuity
Connector Terminal		Ground	Continuity
M120	30		Not existed

Does continuity exist?

YES >> Repair the harnesses or connectors.

NO >> Replace BCM.

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PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

Description INFOID:000000009362502

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

Component Function Check

INFOID:0000000009362503

${f 1}$.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION OPERATION

®CONSULT ACTIVE TEST

- 1. Turn the ignition switch ON.
- 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-52, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000009362504

1.check illumination control switching operation

- 1. Turn the ignition switch ON.
- 2. With operating the lighting switch, check that the push-button ignition switch illumination turns ON/OFF.

Condition	Push-button ignition switch illumination
 Ignition switch ON Lighting switch 1ST	ON
 Ignition switch OFF Lighting switch OFF Driver door LOCK	OFF

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

YES >> GO TO 2. NO >> GO TO 3.

2.check push-button ignition switch illumination ground circuit

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

BCM		Push-button ignition switch		Continuity
Connector	Terminal	Connector	Terminal	Continuity
M119	14	M50	2	Existed

Does the continuity exist?

YES >> Replace BCM.

NO >> Repair the harness or the connector.

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

(P)CONSULT ACTIVE TEST

- Turn the ignition switch ON.
- Select "ENGINE SW ILLUMI" of BCM (INTELLIGENT KEY) active test item.
- 3. With operating the test item, check voltage between BCM harness connector and the ground.

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

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Terminals			Test item		
(+)		(-)	- iest item	Voltage	
ВСМ		ENGINESW	(Approx.)		
Connector	Terminal	Ground	ILLUMI		
M123	133	Orouna	ON	5 V	
101123	133		OFF	0 V	

Is the measurement value normal?

YES >> GO TO 4. NO >> GO TO 5.

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

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

ВСМ		Push-button ignition switch		Continuity
Connector	Terminal	Connector	Terminal	Continuity
M123	133	M50	3	Existed

Does the continuity exist?

YES >> Replace the push-button ignition switch.

NO >> Repair the harness or the connector.

${f 5.}$ CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION POWER SUPPLY SHORT CIRCUIT

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

BCM			Continuity
Connector	Connector Terminal		Continuity
M123	133		Not existed

Does the continuity exist?

YES >> Repair the harness or the connector.

NO >> Replace BCM. INL

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INTERIOR LIGHTING SYSTEM SYMPTOMS

< SYMPTOM DIAGNOSIS >

[COUPE]

SYMPTOM DIAGNOSIS

INTERIOR LIGHTING SYSTEM SYMPTOMS

Symptom Table

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 Luggage room lamp Vanity mirror lamp	Harness between BCM and each interior room lamp BCM	Interior room lamp power supply circuit Refer to INL-46, "Component Function Check".
Interior room lamp does not turn ON even though the door is open. (It turns ON when turning the interior room	Harness between BCM and each door switch Harness between BCM and each	Door switch circuit Refer to <u>DLK-88</u> , "Component Function Check".
lamp ON.)Interior room lamp does not turn OFF even though the door is closed.	interior room lamp • BCM	Interior room lamp control circuit Refer to INL-48, "Component Func- tion Check".
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-15, "INT LAMP: CON- SULT Function (BCM - INT LAMP) (Coupe Models)".
Luggage room lamp does not turn ON. (The bulb is normal.)	Harness between BCM and back door switch Harness between BCM and luggage room lamp BCM	Back door switch circuit Refer to <u>DLK-88</u> , "Component Function Check".
Luggage room lamp does not turn OFF.		Luggage room lamp circuit Refer to INL-50, "Component Func- tion Check".
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-52, "Component Function Check".
Interior room lamp battery saver does not activate.	_	Check the interior room lamp battery saver setting. Refer to INL-17, "BATTERY SAVER: CONSULT Function (BCM - BAT-TERY SAVER) (Coupe Models)".

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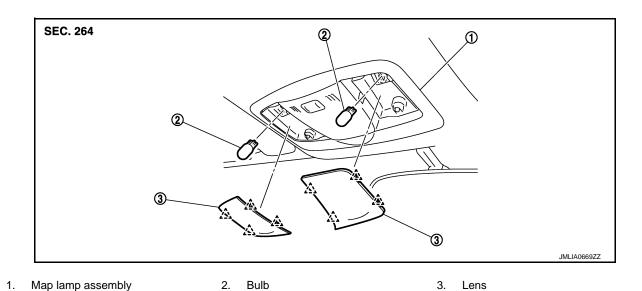
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REMOVAL AND INSTALLATION

MAP LAMP

Exploded View



Removal and Installation

Refer to INT-28, "Exploded View" for the map lamp assembly installation/removal.

Replacement INFOID:000000009362508

CAUTION:

- Disconnect the battery negative terminal or remove the fuse.
- Never touch the glass of bulb directly by hand. Keep grease and other oily matters away from it.
- · Never touch bulb by hand while it is lit or right after being turned off.
- Never leave bulb out of lamp reflector for a long time because dust, moisture smoke, etc. may affect the performance of lamp. When replacing bulb, be sure to replace it with new one.

MAP LAMP BULB

: Pawl

- 1. Insert any appropriate tool into the gap between the lens. Remove the lens.
- 2. Remove the bulb.

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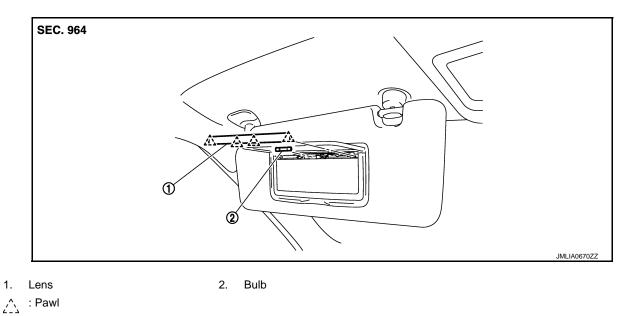
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VANITY MIRROR LAMP

Exploded View



Replacement INFOID:0000000009362510

CAUTION:

- Disconnect the battery negative terminal or remove the fuse.
- Never touch the glass of bulb directly by hand. Keep grease and other oily matters away from it.
- · Never touch bulb by hand while it is lit or right after being turned off.
- Never leave bulb out of lamp reflector for a long time because dust, moisture smoke, etc. may affect the performance of lamp. When replacing bulb, be sure to replace it with new one.

VANITY MIRROR LAMP BULB

- 1. Insert any appropriate tool into the gap between the lens. Remove the lens.
- Remove the bulb.

[COUPE]

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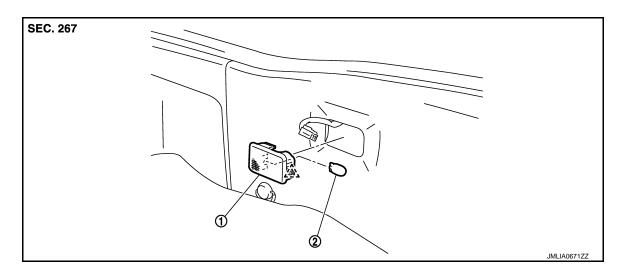
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LUGGAGE ROOM LAMP

Exploded View



Luggage room lamp assembly

2. Bulb

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Removal and Installation

INFOID:0000000009362512

CAUTION:

Disconnect the battery negative terminal or remove the fuse.

REMOVAL

- 1. Insert any appropriate tool into the gap between the luggage room lamp assembly and luggage finisher lower. Remove the luggage room lamp assembly.
- 2. Disconnect the connector.

INSTALLATION

Install in the reverse order of removal.

Replacement

CAUTION:

Disconnect the battery negative terminal or remove the fuse.

- · Never touch the glass of bulb directly by hand. Keep grease and other oily matters away from it.
- · Never touch bulb by hand while it is lit or right after being turned off.
- Never leave bulb out of lamp reflector for a long time because dust, moisture smoke, etc. may affect the performance of lamp. When replacing bulb, be sure to replace it with new one.

LUGGAGE ROOM LAMP BULB

- 1. Remove the luggage room lamp assembly.
- 2. Remove the bulb.

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SERVICE DATA AND SPECIFICATIONS (SDS)

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[COUPE]

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SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Bulb Specifications

Item	Туре	Wattage (W)
Push-button ignition switch illumination	LED	_
Map lamp	Wedge	8
Vanity mirror lamp	_	2
Luggage room lamp	Wedge	5

PRECAUTIONS

[ROADSTER] < PRECAUTION >

PRECAUTION

PRECAUTIONS FOR USA AND CANADA

FOR USA AND CANADA: Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER" INFOID:0000000009362515

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

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

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

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

FOR USA AND CANADA: Precaution for Battery Service

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

FOR MEXICO

FOR MEXICO: Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER" INFOID:0000000009362517

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 "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

• To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.

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PRECAUTIONS

< PRECAUTION > [ROADSTER]

• Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".

Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

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

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

FOR MEXICO: Precaution for Battery Service

INFOID:0000000009362518

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

[ROADSTER]

SYSTEM DESCRIPTION

COMPONENT PARTS INTERIOR ROOM LAMP CONTROL SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM: Component Parts Location

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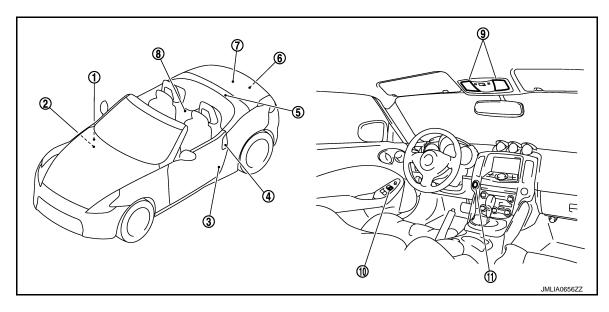
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- Remote keyless entry receiver Refer to <u>DLK-211</u>, "Remote Keyless Entry Receiver".
- 4. Key cylinder switch
 - Request switch
- 7. Trunk room lamp
- 10. Door lock and unlock switch

- 2. BCM
 - Refer to <u>BCS-11</u>, "Component Parts Location".
- 5. Soft top control unit

 Refer to <u>RF-11</u>, "Component Parts

 <u>Location"</u>
- 8. Cargo area coutesy light
- Push-button ignition switch (Push-button ignition switch illumination)
- Door switch
- 6. Trunk room lamp switch
- 9. Map lamp

INTERIOR ROOM LAMP CONTROL SYSTEM: Component Description INFOID.000000003362520

Part	Description	
ВСМ	 Activates the interior room lamp timer depending on the vehicle condition to turn the interior room lamp ON/OFF. Turns the trunk room lamp ON /OFF according to the trunk room lamp switch status. 	
Remote keyless entry receiver	Transmits the lock/unlock signal to BCM.	
Door lock and unlock switchKey cylinder switch	Transmits a switch signal by power window switch serial link.	
Request switchDoor switchTrunk room lamp switch	Inputs a switch signal to BCM.	
Soft top control unit	Refer to RF-16	

INTERIOR ROOM LAMP BATTERY SAVER SYSTEM

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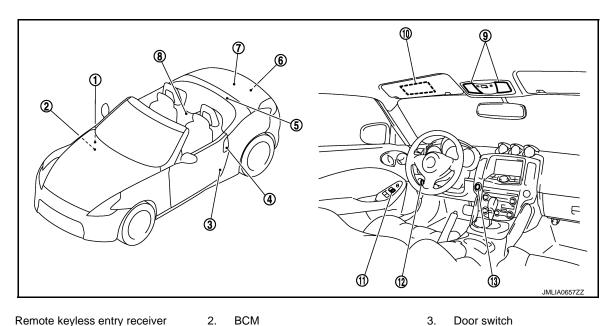
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INTERIOR ROOM LAMP BATTERY SAVER SYSTEM: Component Parts Location



- Remote keyless entry receiver Refer to DLK-211, "Remote Keyless Entry Receiver".
- Key cylinder switch 4.
 - · Request switch
- Trunk room lamp
- 10. Vanity mirror lamp
- 13. Push-button ignition switch
- 2. **BCM** Refer to BCS-11, "Component Parts Location".
- 5. Soft top control unit Rfer to RF-11, "Component Parts Location"
- Cargo area coutesy light 8.

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- 11. Door lock and unlock switch
- Map lamp
- 12. Key slot

Trunk room lamp switch

INTERIOR ROOM LAMP BATTERY SAVER SYSTEM: Component Description

Part	Description
BCM	Operates the interior room lamp battery saver depending on the vehicle condition to cut the interior room lamp power supply.
Remote keyless entry receiver	Transmits the lock/unlock signal to BCM.
Door lock and unlock switchKey cylinder switch	Transmits a switch signal by power window switch serial link.
Request switchDoor switchTrunk room lamp switch	Inputs a switch signal to BCM.
Key slot	Inputs the key switch status to BCM.
Soft top control unit	Refer to RF-16

ILLUMINATION CONTROL SYSTEM

ILLUMINATION CONTROL SYSTEM : Component Parts Location

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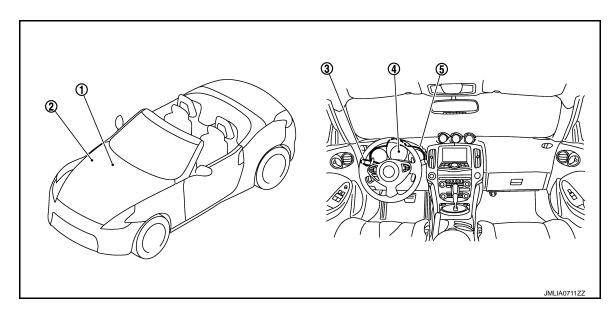
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- BCM
 Refer to <u>BCS-11, "Component Parts Location"</u>.
- 4. Combination meter
- IPDM E/R
 Refer to PCS-5, "Component Parts
 Location".
- 5. Illumination control switch

3. Combination switch

ILLUMINATION CONTROL SYSTEM : Component Description

INFOID:0000000009362524

Part	Description		
BCM	 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). 		
IPDM E/R	Controls the integrated relay according to the request from BCM (with CAN communication).		
Combination meter	 Enters in nighttime mode according to the request from BCM (with CAN communication). Controls the each illumination in the nighttime mode. Refer to MWI-6, "METER SYSTEM: System Description". 		
Combination switch (Lighting & turn signal switch)	Refer to BCS-12, "System Description".		

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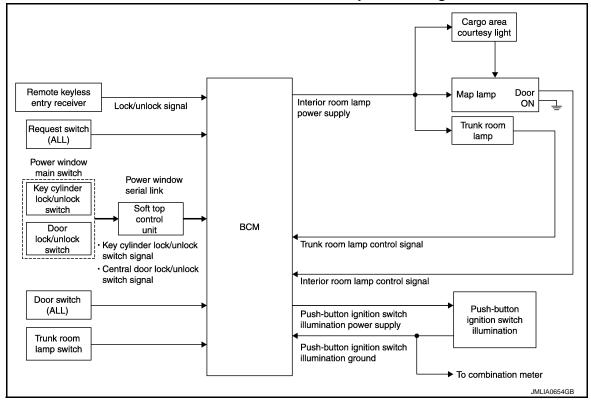
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SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM

INTERIOR ROOM LAMP CONTROL SYSTEM: System Diagram

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INTERIOR ROOM LAMP CONTROL SYSTEM: System Description

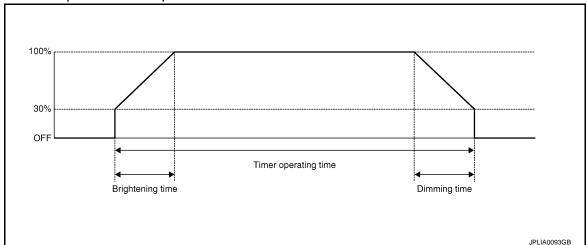
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OUTLINE

- Interior room lamps* are controlled by interior room lamp timer control function of BCM.
 - *: Map lamp (when map lamp switch is in DOOR position) and cargo area coutesy light (when map lamp switch is in DOOR position).
- Trunk room lamp is controlled by Trunk room lamp control function of BCM.
- Push-button ignition switch illumination is controlled by the push-button ignition switch illumination control
 function of BCM.

INTERIOR ROOM LAMP TIMER CONTROL

Interior Room Lamp Timer Basic Operation



• The interior room lamp turns ON and OFF (gradual brightening and dimming) by the interior room timer.

SYSTEM [ROADSTER] < SYSTEM DESCRIPTION > BCM judges the vehicle condition with the following items. It activates the interior room timer. - Ignition switch status Α Door switch signal (ALL) - Door lock/unlock signal (Remote keyless entry receiver, each door request switch, key cylinder switch, door lock and unlock switch) В NOTE: Each function of interior room lamp timer can be set by CONSULT. Refer to INL-70, "INT LAMP: CONSULT Function (BCM - INT LAMP) (Roadster Models)". Interior Room Lamp ON Operation BCM always turns the interior room lamp ON when any door opens. BCM activates the interior room timer in any of the following conditions to turn the interior room lamp ON for D a period of time. - Any door opens before all doors close. Ignition switch is turned ON → OFF. - Any door unlock signal is detected when all doors close with ignition switch OFF. Е NOTE: Restart the timer if new condition is input during the timer operating time. Interior Room Lamp OFF Operation F BCM stops the timer in any of the following conditions to turns the interior room lamp OFF. • The timer operating time is expired. Ignition switch position is other than OFF with all doors close. Any door lock operation is detected with all doors close. TRUNK ROOM LAMP CONTROL BCM controls the trunk room lamp (ground-side) to turn ON with the trunk room lamp switch ON. Н PUSH-BUTTON IGNITION SWITCH ILLUMINATION CONTROL Push-button Ignition Switch Illumination Basic Operation BCM provides the power supply and the ground to turn the push-button ignition switch illumination ON. BCM cuts the ground supply while the each illumination (tail lamp) ON. BCM switches to the ground control with the meter illumination control function. Push-button Ignition Switch Illumination ON Operation BCM turns the push-button ignition switch illumination ON in the following conditions. Ignition switch ON K

Each illumination (tail lamp) ON

Any of the following conditions with ignition switch OFF

Engine start permission is entered.

Intelligent Key inserted into the key slot.

Driver door is LOCK → UNLOCK.

Driver door is open.

Push-button Ignition Switch Illumination OFF Operation

BCM turns the push-button ignition switch illumination OFF in any of the following conditions.

- The push-button ignition switch illumination ON conditions do not satisfy.
- All of the following conditions with ignition switch OFF
- Each illumination (tail lamp) OFF

- The push-button ignition switch illumination ON conditions do not change (15 seconds after the ignition switch OFF) or the driver door is UNLOCK \rightarrow LOCK.

INTERIOR ROOM LAMP BATTERY SAVER SYSTEM

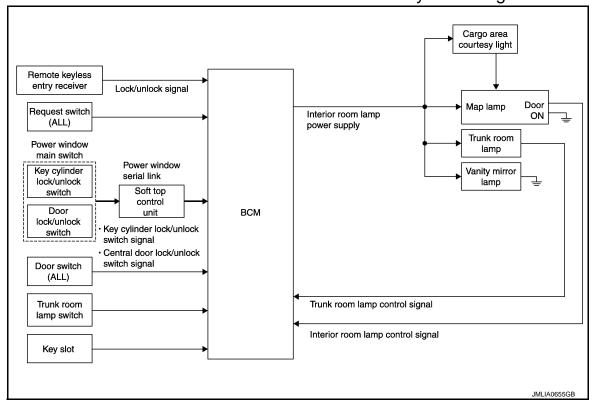
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INTERIOR ROOM LAMP BATTERY SAVER SYSTEM: System Diagram



INTERIOR ROOM LAMP BATTERY SAVER SYSTEM: System Description

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OUTLINE

- Interior room lamp battery saver is controlled by BCM.
- BCM turns applicable lamps OFF depending on the vehicle condition. This function prevents the battery from over-discharging if the driver neglect turning OFF the any lamps.

Applicable lamps

- Map lamp
- Cargo area coutesy light
- Trunk room lamp
- · Vanity mirror lamp

INTERIOR ROOM LAMP BATTERY SAVER FUNCTION

- When the ignition switch is turned OFF, BCM operates the timer for a period of time to cut the interior room lamp power supply.
- BCM restart the timer when any of the following signals changes while operating the timer.
- Ignition switch status
- Door switch signal (ALL)
- Door lock/unlock signal (Remote keyless entry receiver, each request switch, key cylinder lock/unlock switch, central door lock/unlock switch)
- Trunk room lamp switch signal
- Key switch signal (Key slot)
- BCM provides the interior room lamp power supply continuously when the ignition switch position is other than OFF.

NOTE:

Each function of interior room lamp battery saver can be set by CONSULT. Refer to INL-71, "BATTERY SAVER: CONSULT Function (BCM - BATTERY SAVER) (Roadster Models)".

ILLUMINATION CONTROL SYSTEM

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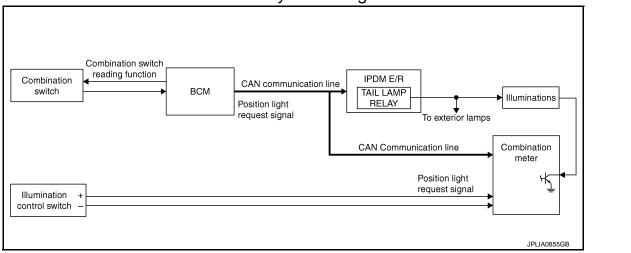
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ILLUMINATION CONTROL SYSTEM: System Diagram



ILLUMINATION CONTROL SYSTEM: System Description

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OUTLINE

Each illumination lamp is controlled by each function of BCM, IPDM E/R and combination meter.

Control by BCM

- Combination switch reading function
- · Headlamp control function

Control by IPDM E/R

Relay control function

Control by combination meter

Meter illumination control function (Refer to <u>MWI-24, "METER ILLUMINATION CONTROL : System Description"</u>.)

ILLUMINATION CONTROL

- BCM detects the combination switch condition by the combination switch reading function.
- BCM transmits position light request signal to IPDM E/R and combination meter according to tail lamp ON condition.

Tail lamp ON condition

- Lighting switch 1ST
- Lighting switch 2ND
- Lighting switch AUTO, and the auto light function ON judgment
- IPDM E/R turns the integrated tail lamp relay ON according to position light request signal. It provides the power supply to each illumination lamp.
- Combination meter enters in the nighttime mode according to position light request signal. Under the nighttime mode the combination meter controls the illuminance by controlling the each illumination lamp (ground side).

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[ROADSTER]

DIAGNOSIS SYSTEM (BCM)

COMMON ITEM

COMMON ITEM: CONSULT Function (BCM - COMMON ITEM)

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APPLICATION ITEM

CONSULT performs the following functions via CAN communication with BCM.

Diagnosis mode	Function Description		
Work Support	Changes the setting for each system function.		
Self Diagnostic Result	Displays the diagnosis results judged by BCM.		
CAN Diag Support Monitor	Monitors the reception status of CAN communication viewed from BCM.		
Data Monitor	The BCM input/output signals are displayed.		
Active Test	The signals used to activate each device are forcibly supplied from BCM.		
Ecu Identification	The BCM part number is displayed.		
Configuration	 Read and save the vehicle specification. Write the vehicle specification when replacing BCM. 		

SYSTEM APPLICATION

BCM can perform the following functions for each system.

NOTE:

It can perform the diagnosis modes except the following for all sub system selection items.

x: Applicable item

System	Sub system selection item	Diagnosis mode			
System	Sub system selection item	Work Support	Data Monitor	Active Test	
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 CONDITONER*				
Intelligent Key system Engine start system	INTELLIGENT KEY	×	×	×	
Combination switch	COMB SW		×		
Body control system	BCM	×			
NVIS - NATS	IMMU		×	×	
Interior room lamp battery saver	BATTERY SAVER	×	×	×	
Back door/Trunk lid open	TRUNK		×	×	
Vehicle security system	THEFT ALM	×	×	×	
RAP system	RETAINED PWR		×		
Signal buffer system	SIGNAL BUFFER		×	×	
TPMS	TPMS (AIR PRESSURE MONITOR)	×	×	×	

NOTE

FREEZE FRAME DATA (FFD)

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

^{*:} This item is displayed, but is not used.

DIAGNOSIS SYSTEM (BCM)

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CONSULT screen item	Indication/Unit	Description			
Vehicle Speed	km/h	Vehicle speed of the moment a particular DTC is detected			
Odo/Trip Meter	km	Total mileage (Odometer value) of the moment a particular DTC is detected			
_	SLEEP>LOCK		While turning BCM status from low power consumption mode to normal mode (Power supply position is "LOCK"*)		
	SLEEP>OFF		While turning BCM status from low power consumption mode to normal mode (Power supply position is "OFF".)		
	LOCK>ACC		While turning power supply position from "LOCK"* to "ACC"		
	ACC>ON		While turning power supply position from "ACC" to "IGN"		
	RUN>ACC		While turning power supply position from "RUN" to "ACC" (Except emergency stop operation)		
	CRANK>RUN		While turning power supply position from "CRANKING" to "RUN" (From cranking up the engine to run it)		
	RUN>URGENT		While turning power supply position from "RUN" to "ACC" (Emergency stop operation)		
	ACC>OFF		While turning power supply position from "ACC" to "OFF"		
	OFF>LOCK	Power supply position status of the moment a particular DTC is detected	While turning power supply position from "OFF" to "LOCK"*		
Vehicle Condition	OFF>ACC		While turning power supply position from "OFF" to "ACC"		
	ON>CRANK		While turning power supply position from "IGN" to "CRANKING"		
	OFF>SLEEP		While turning BCM status from normal mode (Power supply position is "OFF".) to low power consumption mode		
	LOCK>SLEEP		While turning BCM status from normal mode (Power supply position is "LOCK"*.) to low power consumption mode		
	LOCK		Power supply position is "LOCK"*		
	OFF		Power supply position is "OFF" (Ignition switch OFF)		
	ACC		Power supply position is "ACC" (Ignition switch ACC)		
	ON		Power supply position is "IGN" (Ignition switch ON with engine stopped)		
	ENGINE RUN		Power supply position is "RUN" (Ignition switch ON with engine running)		
	CRANKING		Power supply position is "CRANKING" (At engine cranking)		
IGN Counter	0 - 39	 The number of times that ignition switch is turned ON after DTC is detected The number is 0 when a malfunction is detected now. The number increases like 1 → 2 → 338 → 39 after returning to the normal condition whenever ignition switch OFF → ON. The number is fixed to 39 until the self-diagnosis results are erased if it is over 39. 			

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

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

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

INT LAMP

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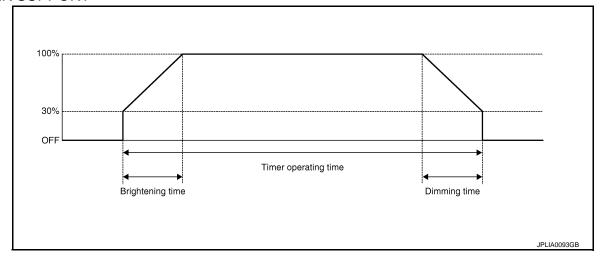
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INT LAMP: CONSULT Function (BCM - INT LAMP) (Roadster Models)

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WORK SUPPORT



Service item	Setting item	Setting		
SET I/L D-UNLCK INTCON	ON*	With the interior room lamp timer function		
SET I/L D-ONLOR INTOON	OFF	Without the interior room lamp timer function		
ROOM LAMP TIMER SET	MODE 2	7.5 sec.		
	MODE 3*	15 sec.	Sets the interior room lamp ON time. (Timer operating time)	
	MODE 4	30 sec.		
ROOM LAMP ON TIME SET	MODE 1	0.5 sec.		
	MODE 2*	1 sec.		
	MODE 3	2 sec.	Sets the interior room lamp gradual brightening time.	
	MODE 4	3 sec.		
	MODE 5	0 sec.		
	MODE 1	0.5 sec.		
	MODE 2	1 sec.		
ROOM LAMP OFF TIME SET	MODE 3	2 sec.	Sets the interior room lamp gradual dimming time.	
	MODE 4*	3 sec.		
	MODE 5	0 sec.		
	MODE 1*	Interior room lamp timer activates with synchronizing all doors.		
R LAMP TIMER LOGIC SET	MODE 2	Interior room lamp timer activates with synchronizing the driver door only.		

^{*:} Factory setting

DATA MONITOR

NOTE:

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Monitor item [Unit]	Description	
REQ SW-DR [On/Off]	The switch status input from request switch (driver side)	
REQ SW-AS [On/Off]	The switch status input from front request switch (passenger side)	

DIAGNOSIS SYSTEM (BCM)

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Monitor item [Unit]	Description	
REQ SW-RR [On/Off] REQ SW-RL	NOTE: The item is indicated, but not monitored.	
[On/Off] PUSH SW [On/Off]	The switch status input from push-button ignition switch	
ACC RLY-F/B [On/Off]	NOTE: The item is indicated, but not monitored.	
UNLK SEN-DR [On/Off]	Driver door unlock status input from unlock sensor	
KEY SW-SLOT [On/Off]	Key switch status input from key slot	
DOOR SW-DR [On/Off]	The switch status input from driver side door switch	
DOOR SW-AS [On/Off]	The switch status input from passenger side door switch	
DOOR SW-RR [On/Off]	NOTE: The item is indicated, but not monitored.	
DOOR SW-RL [On/Off]		
DOOR SW-BK [On/Off]	The switch status input from trunk room lamp switch	
CDL LOCK SW [On/Off]	Lock switch status received from the door lock and unlock switch	
CDL UNLOCK SW [On/Off]	Unlock switch status received from the door lock and unlock switch	
KEY CYL LK-SW [On/Off]	Lock switch status received from key cylinder switch	
KEY CYL UN-SW [On/Off]	Unlock switch status received from key cylinder switch	
TRNK/HAT MNTR [On/Off]	NOTE: The item is indicated, but not monitored.	
RKE-LOCK [On/Off]	Lock signal status received from remote keyless entry receiver	
RKE-UNLOCK [On/Off]	Unlock signal status received from remote keyless entry receiver	

ACTIVE TEST

Test item	Operation	Description		
INT LAMP	On	Outputs the interior room lamp control signal to turn map lamp and cargo area courtesy light ON (Map lamp switch is in DOOR position).		
INT LAWIF	Off	Stops the interior room lamp control signal to turn map lamp and cargo area courtesy light OFF.		
STEP LAMP TEST	On	NOTE:		
	Off	The item is displayed, but cannot be tested.		
LUGGAGE LAMP TEST	On	Outputs the trunk room lamp control signal to turn the trunk room lamp ON.		
	Off	Stops the trunk room lamp control signal to turn the trunk room lamp OFF.		

BATTERY SAVER

BATTERY SAVER: CONSULT Function (BCM - BATTERY SAVER) (Roadster Mod-

els)

WORK SUPPORT

Service item	Setting item	Setting			
BATTERY SAVER SET	On*	With the e	With the exterior lamp battery saver function		
BATTERT SAVER SET	Off	Without th	Without the exterior lamp battery saver function		
ROOM LAMP BAT SAV SET	On*	With the i	With the interior room lamp battery saver function		
	Off	Without th	Without the interior room lamp battery saver function		
ROOM LAMP TIMER SET	MODE 1	30 min.			
	MODE 2	60 min.	Sets the interior room lamp battery saver timer operating time.		
	MODE 3*	10 min.			

^{*:} Factory setting

DATA MONITOR

NOTE:

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Monitor item [Unit]	Description
REQ SW-DR [On/Off]	The switch status input from request switch (driver side)
REQ SW-AS [On/Off]	The switch status input from front request switch (passenger side)
REQ SW-RR [On/Off]	NOTE:
REQ SW-RL [On/Off]	The item is indicated, but not monitored.
PUSH SW [On/Off]	The switch status input from push-button ignition switch
ACC RLY-F/B [On/Off]	NOTE: The item is indicated, but not monitored.
KEY SW-SLOT [On/Off]	Key switch status input from key slot
UNLK SEN-DR [On/Off]	Driver door unlock status input from unlock sensor
DOOR SW-DR [On/Off]	The switch status input driver side front door switch
DOOR SW-AS [On/Off]	The switch status input from passenger side door switch
DOOR SW-RR [On/Off]	NOTE:
DOOR SW-RL [On/Off]	The item is indicated, but not monitored.
DOOR SW-BK [On/Off]	The switch status input from trunk room lamp switch
CDL LOCK SW [On/Off]	Lock switch status received from the door lock and unlock switch
CDL UNLOCK SW [On/Off]	Unlock switch status received from the door lock and unlock switch
KEY CYL LK-SW [On/Off]	Lock switch status received from key cylinder switch

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

[ROADSTER]

Monitor item [Unit]	Description
KEY CYL UN-SW [On/Off]	Unlock switch status received from key cylinder switch
TRNK/HAT MNTR [On/Off]	NOTE: The item is indicated, but not monitored.
RKE-LOCK [On/Off]	Lock signal status received from remote keyless entry receiver
RKE-UNLOCK [On/Off]	Unlock signal status received from remote keyless entry receiver

ACTIVE TEST

Test item	Operation	Description
BATTERY SAVER	Off	Cuts the interior room lamp power supply to turn interior room lamp OFF.
DATTERT SAVER	On	Outputs the interior room lamp power supply to turn interior room lamp ON.*

^{*:} Each lamp switch is in ON position.

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DIAGNOSIS SYSTEM (SOFT TOP CONTROL UNIT)

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[ROADSTER]

DIAGNOSIS SYSTEM (SOFT TOP CONTROL UNIT)

CONSULT Function

INFOID:0000000009749200

APPLICATION ITEM

CONSULT performs the following functions via CAN communication with soft top control unit.

Diagnosis mode		Function Description
ECU Identification		The soft top control unit part number is displayed.
Self Diagnostic Resu	ılt	Displays the diagnosis results judged by soft top control unit.
	Freeze Frame Data	The soft top control unit records the vehicle condition at the time when the DTC is detected, and displays.
Data Monitor		The soft top control unit input/output signals are displayed.
Active Test		The signals used to activate each device are forcibly supplied from soft top control unit.
CAN Diag Support Monitor		Monitors the reception status of CAN communication viewed from soft top control unit. Refer to CONSULT operation manual.

SELF-DIAG RESULT

Refer to RF-40, "DTC Index".

Freeze Frame Data

The soft top control unit records the following vehicle condition at the time when the DTC is detected, and displays on CONSULT.

CONSULT display		Description
Item	Indication	Description
ROOF SW (OPEN)	ON/OFF	OPEN input state of roof open/close switch is displayed.
ROOF SW (CLOSE)	ON/OFF	CLOSE input state of roof open/close switch is displayed.
ROOF LATCHED LH	ON/OFF	Input state of roof striker sensor LH is displayed.
ROOF LATCHED RH	ON/OFF	Input state of roof striker sensor RH is displayed.
F/CENTER LOCK	ON/OFF	Input state of roof latch lock sensor is displayed.
R/RAIL RAISED LH	ON/OFF	Input state of roof status sensor LH is displayed.
R/RAIL RAISED RH	ON/OFF	Input state of roof status sensor RH is displayed.
R/RAIL LOWERED	ON/OFF	Input state of roof status sensor LH is displayed.
5BOW LOWERED	ON/OFF	Input state of 5th bow status sensor LH is displayed.
5BOW RAISED	ON/OFF	Input state of 5th bow status sensor RH is displayed.
TRUNK STATUS SEN	ON/OFF	Input state of trunk status sensor is displayed.
S/LID OPEN LH	ON/OFF	Input state of storage lid status sensor LH is displayed.
S/LID OPEN RH	ON/OFF	Input state of storage lid status sensor RH is displayed.
S/LID CLOSE RH	ON/OFF	Input state of storage lid status sensor RH is displayed.
5TH BOW LATCH OP	ON/OFF	Input state of 5th bow latch open sensor is displayed.
5TH BOW LATCH CL	ON/OFF	Input state of 5th bow latch close sensor is displayed.
5BOW STRIK LATCH	ON/OFF	Input state of 5th bow striker sensor is displayed.
FLPD LIMIT SW(DWN)	ON/OFF	Input state of flipper door limit switch (DOWN) is displayed.
SWITCH VALVE 1	ON/OFF	Output state to switching valve 1 is displayed.
SWITCH VALVE 2	ON/OFF	Output state to switching valve 2 is displayed.
SWITCH VALVE 3	ON/OFF	Output state to switching valve 3 is displayed.
SWITCH VALVE 4	ON/OFF	Output state to switching valve 4 is displayed.
SWITCH VALVE 5	ON/OFF	Output state to switching valve 5 is displayed.

DIAGNOSIS SYSTEM (SOFT TOP CONTROL UNIT)

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CONSULT display		Description
Item	Indication	Description
PUMP OUT (LH)	ON/OFF	Right rotation output state to hydraulic motor is displayed.
PUMP OUT (RH)	ON/OFF	Left rotation output state to hydraulic motor is displayed.

DATA MONITOR

NOTE:

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

CONSULT display		
Item	Indication/Unit	Description
ROOF LATCHED LH	ON/OFF/NG	Input state of roof striker sensor LH is displayed.
ROOF LATCHED RH	ON/OFF/NG	Input state of roof striker sensor RH is displayed.
F/CENTER LOCK	ON/OFF/NG	Input state of roof latch lock sensor is displayed.
R/RAIL RAISED LH	ON/OFF/NG	Input state of roof status sensor LH is displayed.
R/RAIL RAISED RH	ON/OFF/NG	Input state of roof status sensor RH is displayed.
R/RAIL LOWERED	ON/OFF/NG	Input state of roof status sensor LH is displayed.
5TH BOW LOWERED	ON/OFF/NG	Input state of 5th bow status sensor LH is displayed.
5TH BOW RAISED	ON/OFF/NG	Input state of 5th bow status sensor RH is displayed.
S/LID OPEN LH	ON/OFF/NG	Input state of storage lid status sensor LH is displayed.
S/LID OPEN RH	ON/OFF/NG	Input state of storage lid status sensor RH is displayed.
S/LID CLOSE RH	ON/OFF/NG	Input state of storage lid status sensor RH is displayed.
5TH BOW LATCH OP	ON/OFF/NG	Input state of 5th bow latch open sensor is displayed.
SWITCHING VALVE 1	ON/OFF/NG	Output state to switching valve 1 is displayed.
SWITCHING VALVE 2	ON/OFF/NG	Output state to switching valve 2 is displayed.
SWITCHING VALVE 3	ON/OFF/NG	Output state to switching valve 3 is displayed.
SWITCHING VALVE 4	ON/OFF/NG	Output state to switching valve 4 is displayed.
SWITCHING VALVE 5	ON/OFF/NG	Output state to switching valve 5 is displayed.
PUMP OUT (RH)	ON/OFF/NG	Right rotation output state to hydraulic motor is displayed.
PUMP OUT (LH)	ON/OFF/NG	Left rotation output state to hydraulic motor is displayed.
5TH BOW LATCH CL	ON/OFF/NG	Input state of 5th bow latch close sensor is displayed.
ROOF SW (OPEN)	ON/OFF	OPEN input state of roof open/close switch is displayed.
ROOF SW (CLOSE)	ON/OFF	CLOSE input state of roof open/close switch is displayed.
SHIFT R SIGNAL	ON/OFF	Input state of shift position (R position) is displayed.
TRUNK OPEN OUT	ON/OFF	Output state to trunk open signal is displayed.
THER PROTEC PUMP	OK/NG	Non-operation state of thermo protection (hydraulic pump) is displayed.
THER PROTEC RCU	OK/NG	Non-operation state of thermo protection (soft top control unit) is displayed.
PWR COND RCU	OK/NG	Diagnosis result of power supply (soft top control unit) is displayed.
PWR COND P/W	OK/NG	Diagnosis result of power supply (power window) is displayed.
LOCAL COMM 1	NG/SLEEP/NG	State of serial link 1 is displayed.
LOCAL COMM 2	NG/SLEEP/NG	State of serial link 2 is displayed.
REAR DEF OUT	OK/NG	Output state to rear window defogger is displayed.
5BOW STRIK LATCH	ON/OFF/NG	Input state of 5th bow striker sensor is displayed.
P/W OP REQ SW SIG	ON/OFF	Input state of power window open signal from request switch is displayed.
PROHIBIT P/W UP	ON/OFF	Output state to power window operation prohibition signal is displayed.

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DIAGNOSIS SYSTEM (SOFT TOP CONTROL UNIT)

< SYSTEM DESCRIPTION >

[ROADSTER]

CONSULT display		Description
Item	Indication/Unit	Description
IGN ON SIG (BCM)	ON/OFF	Receiving state of ignition ON signal from BCM is displayed.
RF OP REQ SW SIG	ON/OFF	Input state of soft top open signal from request switch is displayed.

ACTIVE TEST

CONSULT display		Description	
Item	Indication	Beschption	
ROOF LATCHED LH/RH	LOCK	Roof lock assembly performs lock operation.	
ROOF LATCHED LH/RH	UNLOCK	Roof lock assembly performs unlock operation.	
STORAGE LID	OPEN	Storage lid performs open operation.	
STORAGE LID	CLOSE	Storage lid performs close operation.	
SOFT TOP SYSTEM	UP	Soft top performs close operation.	
SOFT TOP STSTEM	DOWN	Soft top performs open operation.	
ROOF SYSTEM	OPEN	Soft top system performs open operation.	
ROOF STSTEW	CLOSE	Soft top system performs close operation.	
5TH BOW SYSTEM	OPEN	1st bow and 5th bow performs fold operation.	
31H BOW 3131EW	CLOSE	1st bow and 5th bow performs spread operation.	
HYDRAULIC PRESSURE RELEASE	ON	Switching valve performs OFF operation.	
TRUNK OPENER	ON	Trunk lid opener actuator performs unlock operation.	
ROOF STATE OUTPUT (AUDIO)	ON	Full open position signal of roof is transmitted to audio unit.	
ROOF STATE OUTFUT (AUDIO)	OFF	Full close position signal of roof is transmitted to audio unit.	
DOWED WINDOW (LL/DL)	UP	Power window (LH/RH) performs close operation.	
POWER WINDOW (LH/RH)	DOWN	Power window (LH/RH) performs open operation.	
REAR WINDOW DEFOGGER	ON	Rear window defogger performs ON operation.	
REAR WINDOW DEFOGGER	OFF	Rear window defogger performs OFF operation.	

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DIAGNOSIS SYSTEM (METER)

Diagnosis Description

SELF-DIAGNOSIS MODE

- LCD segment operation can be checked in self-diagnosis mode.
- Meters/gauges can be checked in self-diagnosis mode.

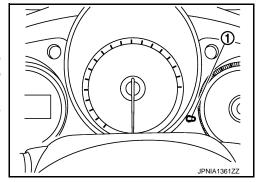
OPERATION PROCEDURE

- Turn ignition switch OFF.
- While pressing the trip reset switch (1), turn ignition switch ON.
- 3. Make sure that the trip meter displays "0000.0".

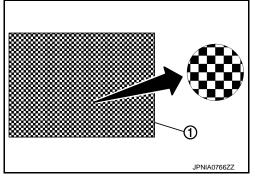
NOTE:

If the diagnosis function is activated with "trip A" displayed, the mileage on "trip A" is reset to "0000.0". (The same way for "trip

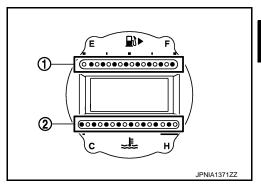
Press the trip reset switch at least 3 times. (Within 7 seconds after the ignition switch is turned ON.)



- The unified meter control unit is turned to self-diagnosis mode.
 - The segment dots of the information display LCD (1) blink alternately.
 - · Speedometer, tachometer, volt meter, and oil temperature gauge return to zero respectively.
 - All the segments of clock, manual mode indicator, S-MODE indicator, odo/trip meter, and shift position indicator illuminate.



- The fuel gauge (1) blink alternately.
- The engine coolant temperature gauge (2) blink alternately.



NOTE:

- · Check combination meter power supply and ground circuit when the self-diagnosis mode of the combination meter does not start. Replace combination meter if power supply and ground circuit are normal.
- When turning the ignition switch ON, if the triple meter has a malfunction and the self-diagnosis mode for triple meter does not starts, check the power supply and ground circuit of the triple meter, and the communication line circuit (METER⇔TRIPLE METER). Replace triple meter if power supply and ground circuit and the communication line circuit (METER⇔TRIPLE METER) are normal.
- If any of the segments does not illuminate, replace the combination meter or the triple meter (only when the clock of a segment that does not illuminate).

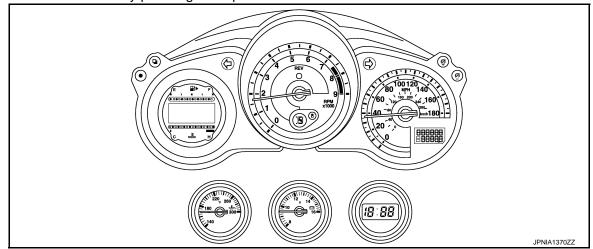
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6. Each meter activates by pressing the trip reset switch.



NOTE:

- If any of the meters or gauges is not activated, replace combination meter or triple meter.
- The figure is reference.

CONSULT Function (METER/M&A)

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CONSULT APPLICATION ITEMS

CONSULT can perform the following diagnosis modes via CAN communication and the combination meter.

System	Diagnosis mode	Description
	Self Diagnostic Result	The combination meter checks the conditions and displays memorized errors.
METER/M&A	Data Monitor	Displays the combination meter input/output data in real time.
	Warning History	Lighting history of the warning lamp and indicator lamp can be checked.

SELF DIAG RESULT

Refer to MWI-77, "DTC Index".

DATA MONITOR

NOTE:

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Display Item List

X: Applicable

Display item [Unit]	MAIN SIGNALS	Description
SPEED METER [km/h]	Х	Value of vehicle speed signal received from ABS actuator and electric unit (control unit) via CAN communication. NOTE: 655.35 is displayed when the malfunction signal is received.
SPEED OUTPUT [km/h]	х	Vehicle speed signal value transmitted to other units via CAN communication. NOTE: 655.35 is displayed when the malfunction signal is received.
ODO OUTPUT [km/h or mph]		Odometer signal value transmitted to other units via CAN communication.
TACHO METER [rpm]	Х	Value of the engine speed signal received from ECM via CAN communication. NOTE: 8191.875 is displayed when the malfunction signal is received.
FUEL METER [L]	Х	Fuel level indicated on combination meter.

DIAGNOSIS SYSTEM (METER)

< SYSTEM DESCRIPTION >

[ROADSTER]

Display item [Unit]	MAIN SIGNALS	Description	1
W TEMP METER [°C]	Х	Value of engine coolant temperature signal is received from ECM via CAN communication. NOTE: 215 is displayed when the malfunction signal is input.	
ABS W/L [On/Off]		Status of ABS warning lamp detected from ABS warning lamp signal is received from ABS actuator and electric unit (control unit) via CAN communication.	(
VDC/TCS IND [On/Off]		Status of VDC OFF indicator lamp detected from VDC OFF indicator lamp signal is received from ABS actuator and electric unit (control unit) via CAN communication.	,
SLIP IND [On/Off]		Status of VDC warning lamp detected from VDC warning lamp signal received from ABS actuator and electric unit (control unit) via CAN communication.	
BRAKE W/L [On/Off]		Status of brake warning lamp detected from brake warning lamp signal is received from ABS actuator and electric unit (control unit) via CAN communication. NOTE: Displays "Off" if the brake warning lamp is illuminated when the valve check starts, the parking brake switch is turned ON or the brake fluid level switch is turned ON.	
DOOR W/L [On/Off]		Status of door warning detected from door switch signal received from BCM via CAN communication.	
TRUNK/GLAS-H [Off]		This item is displayed, but cannot be monitored.	
HI-BEAM IND [On/Off]		Status of high beam indicator lamp detected from high beam request signal is received from BCM via CAN communication.	
TURN IND [On/Off]		Status of turn indicator lamp detected from turn indicator signal is received from BCM via CAN communication.	
RR FOG IND [On/Off]		Status of rear fog lamp indicator lamp detected from rear fog lamp status signal is received from BCM via CAN communication.	
LIGHT IND [On/Off]		Status of light indicator lamp detected from position light request signal is received from BCM via CAN communication.	
OIL W/L [On/Off]		Status of oil pressure warning lamp detected from oil pressure switch signal is received from BCM via CAN communication.	
MIL [On/Off]		Status of malfunction indicator lamp detected from malfunctioning indicator lamp signal is received from ECM via CAN communication.	
CRUISE IND [On/Off]		Status of CRUISE indicator lamp detected from CRUISE indicator lamp signal is received from ECM via CAN communication.	
SET IND [Off]		This item is displayed, but cannot be monitored.	11
ATC/T-AMT W/L [On/Off]		A/T CHECK indicator lamp status judged by the transmission check warning lamp signal received from TCM via CAN communication.	
FUEL W/L [On/Off]		Low-fuel warning lamp status detected by the identified fuel level.	
WASHER W/L [On/Off]		Status of washer warning lamp judged from washer level switch input to combination meter.	
AIR PRES W/L [On/Off]		Status of low tire pressure warning lamp detected from tire pressure signal is received from BCM via CAN communication.	
KEY G/Y W/L [On/Off]		Status of key warning lamp (yellow) detected from key warning signal is received from BCM via CAN communication.	
MT SYNC REV IND [On/Off]		Status of S-MODE indicator judged from S-MODE indicator signal received from ECM with CAN communication line.	
FUEL CAP W/L [On/Off]		Status of fuel filler cap warning judged from fuel filler cap warning display signal received from ECM with CAN communication line.	
LCD [C&P N, C&P I, B&P N, B&P I, ID NG, ROTAT, SFT P, INSRT, BATT, NO KY, OUTKY, LK WN]		Displays status of Intelligent Key system warning detected from meter display signal is received from BCM via CAN communication.	

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DIAGNOSIS SYSTEM (METER)

[ROADSTER]

Display item [Unit]	MAIN SIGNALS	Description
SHIFT IND [P, R, N, D, L, M1, M2, M3, M4, M5, M6, M7]		 Status of shift position indicator detected from shift position signal and manual mode indicator signal is received from TCM via CAN communication. (A/T models) Status of shift position indicator detected from shift position signal is received from ECM via CAN communication. (with SynchroRev Match mode models)
AT S MODE SW [Off]		This item is displayed, but cannot be monitored.
M RANGE SW [On/Off]		Status of manual mode switch.
NM RANGE SW [On/Off]		Status of non-manual mode switch.
AT SFT UP SW [On/Off]		Status of position select switch (up).
AT SFT DWN SW [On/Off]		Status of position select switch (down).
ST SFT UP SW [On/Off]		Status of paddle shifter up switch.
ST SFT DWN SW [On/Off]		Status of paddle shifter down switch.
SYNC MODE [On/Off]		This item is displayed, but cannot be monitored.
PKB SW [On/Off]		Status of parking brake switch.
BUCKLE SW [On/Off]		Status of seat belt buckle switch (driver side).
BRAKE OIL SW [On/Off]		Status of brake fluid level switch.
A/C AMP CONN [On/Off]		Status of A/C auto amp. connection recognition signal.
ENTER SW [On/Off]		Status of 🔲 (ENTER) switch.
SELECT SW [On/Off]		Status of (SELECT) switch.
MT SYNC REV SW [On/Off]		Status of S-MODE switch.
DISTANCE [km]		Value of possible driving distance calculated by combination meter.
OUTSIDE TEMP [°C or °F]		Ambient air temperature value converted from ambient sensor signal received from ambient sensor. NOTE: This may not match with the temperature value indicated on the information display. (Because the information display value is a corrected value from the ambient sensor input value.)
FUEL LOW SIG [On/Off]		Status of fuel level low warning signal to output to AV control unit via CAN communication.
BUZZER [On/Off]	Х	Buzzer status (in the combination meter) is detected from the buzzer output signal received from each unit via CAN communication and the warning output condition of the combination meter.

NOTE:

Some items are not available according to vehicle specification.

WARNING HISTORY

- Stores histories when warning/indicator lamp is turned on.
- "Warning History" indicates the "TIME" when the warning/ indicator lamp is turned on.

DIAGNOSIS SYSTEM (METER)

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- The "TIME" above is:
- 0: The condition that the warning/indicator lamp has been turned on 1 or more times after starting the engine and waiting for 30 seconds.
- 1 39: The number of times the engine was restarted after the 0 condition.
- NO Warning History: Stores NO (0) turning on history of warning/indicator lamp.

NOTE:

- Warning History is not stored for approximately 30 seconds after the engine starts.
- Brake warning lamp does not store any history when the parking brake is applied or the brake fluid level gets low.

Display Item

Description
Lighting history of ABS warning lamp.
Lighting history of VDC OFF indicator lamp.
Lighting history of VDC warning lamp.
Lighting history of brake warning lamp.
Lighting history of door warning.
Lighting history of oil pressure warning lamp.
Lighting history of malfunction indicator lamp.
Lighting history of CRUISE indicator lamp.
Lighting history of A/T CHECK indicator lamp.
Lighting history of low fuel level warning.
Lighting history of low washer fluid warning
Lighting history of low tire pressure warning lamp.
Lighting history of key warning lamp (yellow).

NOTE:

In items displayed on the CONSULT screen, only those listed in the above table are used.

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BCM, COMBINATION METER, SOFT TOP CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

ECU DIAGNOSIS INFORMATION

BCM, COMBINATION METER, SOFT TOP CONTROL UNIT

List of ECU Reference

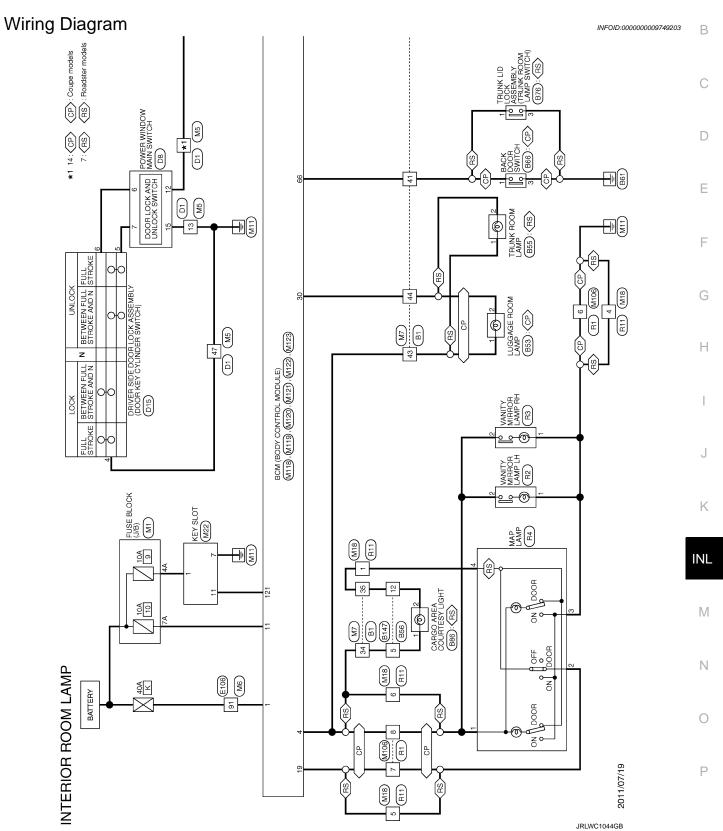
INFOID:0000000009362537

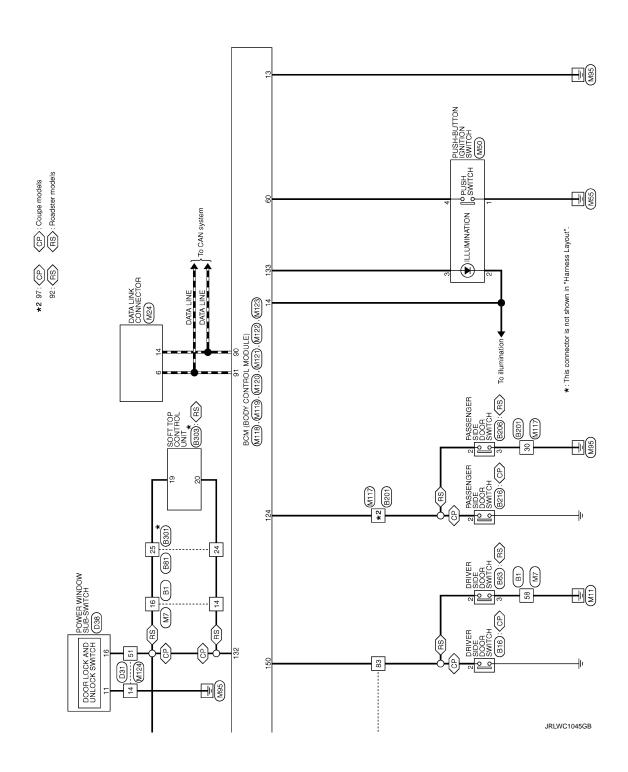
ECU	Reference
	BCS-59, "Reference Value"
BCM	BCS-97, "Fail-safe"
BCIVI	BCS-98, "DTC Inspection Priority Chart"
	BCS-99, "DTC Index"
	MWI-57, "Reference Value"
COMBINATION METER	MWI-76, "Fail-Safe"
	MWI-77, "DTC Index"
	RF-31, "Reference Value"
SOFT TOP CONTROL UNIT	RF-38, "Fail-safe"
SOFT TOP CONTROL ONLY	RF-39, "DTC Inspection Priority Chart"
	RF-40, "DTC Index"

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WIRING DIAGRAM

INTERIOR ROOM LAMP CONTROL SYSTEM





INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM > [ROADSTER]

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42 GR						- BR	1	
43 BR	1					2 R	-	
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	92	99	67	88	69	02	72	73	73	74	74	75	75	9/	80	18	85	20 20	5 6	98	87	88	88	90	95	95	93	93	94	94	92	92	97	97	86	86	S 5	8 8	3										
	ľ				B201	WIRE TO WIRE		TH80FW-CS16-TM4		46			85				Signal Name [Specification]	= [Osma modale]	- [Roadster models]	- Coupe models	- [Roadster models]	1	- [Coupe models]	- [Roadster models]	-	1		-	1	1	1	1	1	1	1	1		1 1		1	- [Couna modale]	- [Doubter models]	- [Coune models]	- [Boadster models]		1	1	ı	
	a _R	В		ſ	Т	Connector Name		Connector Type		•	•	'n					al Color	d	á	>	В	g	œ	>	FIG	>-	а	ŋ	ч	В	Μ	>	5	-	88	۵.	J Contract	BB	5 >	> CHIEF	SPIELD	5 0		۷ _	ď	3	: g	m	
-	=	12		Ļ	Connector No.	Connec		Connec	[I	•	•					Terminal	e c	, ~	m	. ε	4	7	7	80	6	Ξ	20	21	30	40	4	45	43	44	5	25	2 2	5 8	28	8 6	6 6	5 8	8 8	8 8	9	9	62	
-	7	- B 9	> :	+	GR	+	16 V –	17 G -	24 LG -	25 V –	31 -	32 P	34 BG -	35 R -			Connector No. B86	Connector Name CARGO AREA COURTESY LIGHT	Connector Type S02FW	1			H.3.	1]			lan	re		2 B -		ſ	Connector No. B147	Connector Name WIRE TO WIRE	T	Connector Type NSTZFW-CS	4	ייי	4 0 3 2	12 11 10 9 8 7 6				Tarminal Color		4 BB	- C	
띠	Connector No. B66	Connector Name BACK DOOR SWITCH		Connector Type A03FW		医		13.		3			-	No. of Wire Signal Name Lopechications	\dashv	3 B -		Connector No B76	2	Connector Name TRUNK LID LOCK ASSEMBLY	Connector Type NS03FW-CS	1		•		6 7 1				Terminal Color Signal Name [Specification]	of Wire	+	2 LG -	3 B -		2		Connector Name WIRE TO WIRE	Commended Town	-	4	_	1.8. 2019 18 17 16 15 14 13 12 11 10 9 8 7 16 5 4 3 2 1 1	40 38 38 37 36				Terminal Color	

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INTERIOR ROOM LAMP CONTROL SYSTEM

[ROADSTER] < WIRING DIAGRAM >

Control No. Control No	۲Į							
1 1 1 1 1 1 1 1 1 1	Connector No. B206	80	°	1	Connector No.	D1	Connector No.	D8
15 15 15 15 15 15 15 15	Connector Name PASSENGER SIDE DOOR SWITCH	o ‡	> #		Connector Nam		Connector Name	POWER WINDOW MAIN SWITCH
10 No.	Connector Type A03FW	15	BR	-	Connector Type	П	Connector Type	NS16FW-CS
Signal Name (Sworleston) Signal Name (Sworle		16	> 50		£		£	
Signal Name Secretarion Contractor Name		24	>	1			E	
Signal Name (Specification) Signal Name (Specification) Specification) Signal Name (Specification) Specification) Specification		22	ΓG	1	Ż	15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 8845144434444333414333333333333333333333	2	
Signal Name (Specification) Sign	70 0	31	BG	-		55 54 55 55 50 48 48 7		9 10 11 12 13 14
Signal Name (Specification) Connector Name Specification) Color Connector Name Color Connector Name Connector	2	35	۵	1				
Signal Name (Specification) Connector Name (Specification) Chief Chief		34	0 8	1				
Signat Name Specification Connector Type Connecto	Color	60	90		\vdash	L	\vdash	
Connector No. Connector No	of Wire							
Signal Name (Specification) Specification) Specification Specification) Specification Specification Specification Specification) Specification Specificati	D1	Connecto	П	B303	Н	-	1 W	1
Signal Name [Specification] Signal Name [Specification] 10 10 10 10 10 10 10 1	- B	Connecto	r Name	SOFT TOP CONTROL UNIT	+		+	1
E2 Cooper modes Cooper		o de constant	H.	THE CLUSTER IN	+		+	
1			and a		+		+	
PASSENDER SIDE BOOK SWITCH A	Τ	ąĘ	•		+	+	+	
Contract Colore		手			+		+	
Terminal Color Signal Name Specification Signal Nam		1		8 7 6	H	-	H	1
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1 2 1 2 1 2 1 2 2 2					L		L	- [Coupe models]
Terrine Color Signal Name Specification Color Signal Name Specification Color Signal Name Specification Color Signal Name Specification Color Strates sensor Late Color Strates Signal Name Specification Color Strates Signal Nam					Н		Н	- [Roadster models]
Signal Name [Specification] Signal Name [Specification] Coherente States Coherent Properties Coheren			- 1		+		4	If
1 0 0 0 0 0 0 0 0 0	7	Terminal	_	Signal Name [Specification]	+		4	ī
Signal Name [Specification]		o V	of Wire		┪		┥	1
Signal Name [Specification] 4 W N POOF STRINGER BEASON RH-1		-	æ	SENSOR POWER SUPPLY (ROOF STRIKER SENSOR LH)	ヿ			
Signal Name (Specification) 8		e	g	ROOF STRIKER SENSOR RH	+			
Signal Name Ssedification Signal Name Ssecification Signal Name Signal Name Ssecification Signal Name Ssecification Signal Name Signal Name Ssecification Signal Name Sign	Golor Signal Name [Spe	4	*	ROOF STRIKER SENSOR LH	+		Connector No.	D15
10			>	REVERSE SIGNAL	+		Connector Name	DRIVER SIDE DOOR LOCK ASSEMBLY
11 0 ROOF RIGHAL (1005E) S1 R	= 57	6	g G	POWER CONDITION (POWER WINDOW)	+			
12 28 ROOF STATUS SURAL (LAMBON) 51 R R ROOF STATUS SURAL (LAMBON) 52 V		2		DOOF STATIS SIGNAL (MINIONTOD)	+		Connector Type	EUBFGY-KS
14		= =	9	ROOF STATUS SIGNAL (INDICATOR)	+	2 0	1	
THOMWING TO WIRE	ı	2 2	-	BOOF OBEN (CLOSE SWITCH (CLOSE)	ł		主	
TH40MW-NH		ž č		BOOF OPEN / CLOSE SWITCH (ODEN)	+		S.H.	
17 BG CAN H 55 G 18 P CAN L COMMUNICATION (BOW) 19 LG LOCAL COMMUNICATION (BOW) 19 LG LG LG LG LG LG LG L	Т	91	>	TRINK ROOM I AMP SWITCH	+			
1 1 1 1 1 1 1 1 1 1	1	17	BG	CAN=H	+			
1 128 15 15 15 15 15 15 15 1		∞	_	CAN-L	\cdot			
1 2 1 2 1 2 2 2 2 2		16	97	LOCAL COMMUNICATION (POWER WINDOW)				
21 BR Serson Power Surport Moor Strategies Record Flower Flower Strategies Record Flower Strategies Record Flower Flower Flower Strategies Record Flower Flowe	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	20	>	LOCAL COMMUNICATION (BCM)			⊢	
29 DG GROUND 29 DG GROUND 1 BG BG CROUND 2 CALOR		21	HB	SENSOR POWER SUPPLY (ROOF STRIKERSENSOR RH)				
Signal Name (Specification)		50	ğ	GROLIND			-	
Color Signal Name [Specification] Signal Name [Specification		35	3 0	BOOF OPEN / CLOSE SWITCH (GND)			+	
Color Signal Name (Specification 4 6 1 2 4 6 1 4 6 1 4 6 1 4 6 1 4 6 1 4 6 6 1 4 6 6 6 6 6 6 6 6 6		3		INCOLOR ENT. OF COSE SMILLOUS (SIND)			+	
Color Signal Name [Specification]							$^{+}$	
AD 8 9	Color of Wire						+	
							+	
	- rg						4	1
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INTERIOR R	INTERIOR ROOM LAMP									
Connector No. D31	31	8	_	-	45	BB	ī	Connector No.	No. M5	2
Connector Name	WIRE TO WIRE	6	BR	1	46	Μ	1	Connector Name		WIRE TO WIRE
		10	*	I	47	۵	ı			
Connector Type TF	TH40FW-CS15	Ξ	œ	1	28	SHELD	1	Connector Type		TH40MW-CS15
á		12	œ	1	29	_	1	ą		
野	Ш	14	>	1	70	۵	I	唐		
ľ		12	ΓC	1	80	Μ	1	Ę		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
	46 45 44 43 42 41 42 35 36 37 38 [26 22 24 22 27 27 27 12 15 16 17 16 18 17 16 25 25 25 25 25 25 25 25 25 25 25 25 25	16	>-	1	81	۵	1	2		1617161620212323242528 [3937363640414244546
					85	g			2728	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
					83	>	II			
		Connector No.	tor No.	E106	84	٦	1			
- 1		Connect	Connector Name	WIRE TO WIRE	82	BG	1		Ì	
Terminal Color	Simal Name [Specification]			1	98	PT	-	Terminal	Color	Signal Name [Specification]
┪	Figure 1	Connect	Connector Type	TH80FW-CS16-TM4	87	œ	1	No.	of Wire	Figure 100dol 0100 miles
\dashv	-	þ			68	۵	1	7	>-	1
4		厚	_		16	*	1	œ	>	1
\dashv	- [With BOSE system]	Ę	ě		95	٦	1	6	ŋ	1
12 LG	- [Without BOSE system]	1	ā		93	ŋ	_	10	>	-
>	- [Coupe models without BOSE system]			N N N N N N N N N N	94	>	_	11	>	_
٦	- [Except for coupe models without BOSE system]				96	٨	-	12	٦	-
14 B	-				97	BR	_	13	В	-
15 W	-				98	GR.	_	14	Υ	1
7 61		Terminal	_	9	66	57	1	15	W	1
23 Y/B	1	No.	of Wire	oignal Name [opecimication]	100	BG	ı	19	>	
┝	-	-	>	1				23	Y/B	
26 SHIELD	1	9	_	ī				25	>	1
т		4	_	1	Connector No.	Γ	MI	26	SHELD	1
╀		_	8	1		т		35	HH HH	1
× 20	1	80	۵	1	Connector Name		FUSE BLOCK (J/B)	44	٦	1
>-		6		1	Connector Type	Type	NS06FW-M2	47		1
		· =	>],		48	9	1
+		5	. 0	1	Œ	_		40	3 >	1
+		2	-	1	美			2 02	. M	1
╀		2 2	9		HS.	••	3A 7 2A 1A	3 1	-	
4		:	Ś				2 7 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 6	-	
		0 9	1 3	ī			84 (4040444	70	١,	1
		2	*	1				20	*	
Т	D38	2 8	8 5					34	5 0	1
Connector Name PC	POWER WINDOW SUB-SWITCH	07	+	3				3	ć	11
Connector Type	NS16EW-CS	2 12	+	- [Boadeter models]	No.	of Wire	Signal Name [Specification]			
1		3	-	Faceboard 1	4	>	1			
4		33	>	1	8	g	1			
		36	>	1	34	_	1			
2	3 4	37	>	1	4¥	۵	1			
	8 9 10 11 12 14 15 16	38	œ	1	5A	7				
		39	В	-	6A	Υ	-			
		40	Μ	1	7.A	BR	1			
		41	ΓG	1	8A	٦	-			
Terminal Color	Stanel Name [Specification]	45	SB	1						
T	Digital terms topogotion	43	g	ı						
+	1	44	_	- [Except for roadster models with M/T]						
4 BG	1	44	œ	 [Roadster models with M/T] 						

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INTERIOR ROOM LAMP CONTROL SYSTEM

< WIRING DIAGRAM > [ROADSTER]

96 L - Coupe models 9.7 LG - Coupe models 9.7 LG - Coupe models 9.8 LG - Coupe models 9.8 LG - Coupe models 9.8 V/B - Roadster models 9.9 M/B - Roadster models 9.0 M/B - Roadster models 0.0 M/B - Roadster models 0.0 M/B - M/B	
27 SNIFIELD	44 R R
855 BR	
INTERIOR ROOM LAMP Connector No. M6 Connector Name Wife TO WIFE Connector Type THISTMACSIG-TNA LAS.	Terminal Color No. 1

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Revision: 2013 May INL-89 2014 370Z

INTERIOR ROOM LAMP						
Connector No. M22	Connector No. M50	Connector No.	M117	9	T 69	-
Commenter Name KEV SLOT	HOTING MOTTING THE BUSINESS OF	Connector Name	WIDE TO WIDE	7	70 L	-
				7	72 B	1
Connector Type TH12FW-NH	Connector Type TK08FBR	Connector Type	pe TH80MW-CS16-TM4		73 B	
ú		ú			74 B	-
			8	7	75 B	-
<u>ا</u> ر	֧֧֓֞֝֞֝֝֟֝֝֝֟֝֝֝֟֝֝֟֝֟֝֟֝֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟	\ The second of the seco	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7	76 B	-
123 56	7	Ż	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	80	80 r	1
11 11	4 5 6 7 8			81	١ ٢	-
				8	82 W	-
				80	83 B	
				8	84 R	1
Terminal Color S:	Terminal Color	Terminal	Color	-	85 G	1
of Wire	No. of Wire Signal Name Lopecinication.	No. of	of Wire	8	86 SHIELD	OT
	1 B -	2	GR - [Coupe models]	8	87 G	-
2 GR CLOCK	2 R -	2	LG - [Roadster models]	*	88 L	-
3 W DATA	3 G -	3	O - [Coupe models]	*	89 P	
5 Y ILL BAT	4 BR -	3	B - [Roadster models]	*	7 ∀	- [Roadster models]
	5 GR –	4		6	90 SHIELD	
7 B GROUND	-	7	LG - [Coupe models]	6	92 G	- [Coupe models]
11 R KEY SWITCH SIGNAL	- ^ L	7	Y - [Roadster models]	6	92 LG	- [Roadster models]
	- d 8	8	TO	6	93 R	
		6	·	6	> 26	- [Roadster models]
Connector No. M24		=		<u>_</u>	94 SHIELD	
l	Connector No. M106	20	-	6	94	
Connector Name DATA LINK CONNECTOR		21		6	-	
Connector Type BD16FW	Connector Name WIRE TO WIRE	30	- 1	<u>_</u>	H	
1	Connector Type TH16MW-NH	40			╁	
	1	41	-	6	-	ľ
191 141 16		45	- 5	16	× 86	- [Coupe models]
		54		100	96 Y/B	
3 4 5 6 7 8	1.5.	44	- SS	16	╁	
	11 12 13 14 15	51		Ĕ	E	- [Coupe models]
	F1 01 71 11 01	52	- 5	_	H	
		Н	SHIELD -			
a		H				
No. of Wire Signal Name Lopecinication)	Terminal Color Sizzel News [Sazation]	22	- ^			
3 LG - [Coupe models]	No. of Wire Signal Manue Lapecinication	Н	SHIELD -			
3 Y - [Roadster models]	- A	22	G - [Coupe models]			
4 B -	5 R	22	P - [Roadster models]			
5 B -	- B 9	28	R - [Coupe models]			
- 7 9	7 P	28	L - [Roadster models]			
- X L	£ 80	29				
	- 8	09	- M			
11 Y - [Coupe models]	12 G -	19	GR -			
11 LG - [Roadster models]	13 ×	62	п			
a.	SHIELD	63				
*	15 R -	64	- 1			
		65	- 5			
		99	- 0			
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INTERIOR ROOM LAMP									
Connector No. M118	Connector No.	П	M120	Connector No.	M122	.2	Connector No.	Н	M123
Connector Name BCM (BODY CONTROL MODULE)	Connector Name		BCM (BODY CONTROL MODULE)	Connector Name		BCM (BODY CONTROL MODULE)	Connector Name		BCM (BODY CONTROL MODULE)
Connector Type M03FB-LC	Connector Type	П	NS12FW-CS	Connector Type	П	TH40FB-NH	Connector Type	П	TH40FG-NH
HS.	H.S.		20 C 23 24 25 24 25 24 25 24 25 24 25 24 25 25	H.S.	91 90 88	(2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	是 H.S.	1001	
Terminal Oolor Signal Name [Specification]	Terminal C No. of	Color of Wire	Signal Name [Specification]	Terminal Co No. of v	Color of Wire	Signal Name [Specification]	Terminal No. o	Color of Wire	Signal Name [Specification]
1 W BAT (F/L)	20	>	TURN SIGNAL RH (REAR)	72 1	_	ROOM ANT 2-	113	0	OPTICAL SENSOR
2 W POWER WINDOW POWER SUPPLY (BAT)	23	L B/	BACK DOOR OPEN OUTPUT [Coupe models]	73 F	Ь	ROOM ANT 2+	114	œ	CLUTCH INTERLOCK SW
3 Y POWER WINDOW POWER SUPPLY (IGN)	23	Υ Ξ	TRUNK LID OPEN OUTPUT [Roadster models]	\dashv	SB	PASSENGER DOOR ANT-	115	0	1
	24	0	REAR FOG OUTPUT	-	BR	PASSENGER DOOR ANT+	116	SB	STOP LAMP SW 1
-	+	+	TURN SIGNAL LH (REAR)	+	>	DRIVER DOOR ANT-	118	۵	STOP LAMP SW 2
Connector No. M119	99	~	LUGGAGE/TRUNK ROOM LAMP OUTPUT	+	9	DRIVER DOOR ANT+	119	SB	DR DOOR UNLOCK SENSOR
Connector Name BCM (BODY CONTROL MODULE)				+	1	ROOM ANT 1-	121	œ	KEY SLOT SW
				+	۵	ROOM ANT 1+	123	>	IGN F/B
Connector Type NS16FW-CS	Connector No.	M121	21	+	æ	NATS ANT AMP.	124	PI	PASSENGER DOOR SW
ą	Connector Name		BCM (BODY CONTROL MODULE)	+	W	NATS ANT AMP.	129	0	TRUNK LID OPENER CANCEL SW
ほ				+	œ	IGN RELAY (F/B) CONT	130	٦	REAR DEFOGGER SW
	Connector Type	٦	TH40FGY-NH	\dashv	4	KYLS ENT RECEIVER (FRONT) COMM	132	>	P/W SW & SOFT TOP C/U COMM [Roadster models]
7	ģ			\dashv	BR	COMBI SW INPUT 5	132	>	POWER WINDOW SW COMM [Coupe models]
01 /1 01 +1	居			+	>	COMBI SW INPUT 3	133	9	PUSH BUTTON IGNITION SWILL POWER
	Ę			+	<u>.</u>	CAN-L	134	æ	LOCK IND
	2		47 38 38 38 35 34 57 59 59 59 59 59 59 59 59 59 59 59 59 59	+	_	CAN-H	137	۵	RECEIVER &SENSOR GND
L			2000	+	PT PT	KEY SLOT ILL	138	>	RECEIVER & SENSOR POWER SUPPLY
a				+	>	ON IND	139	_	TIRE PRESS RECEIV COMM
e.				+	0	ACC RELAY CONT	140	5	P/N POSITION
7		ł		96	<u>^</u>	A/T SHIFT SELECTOR POWER SUPPLY	141	>	SECURITY INDICATOR
5 G PASSENGER DOOR UNLOCK OUTPUT	le.	Color	Signal Name [Snecification]	4	œ	SHIFT P/CLUTCH PEDAL POS SW	142	0	COMBI SW OUTPUT 5
8 V ALL DOOR, FUEL LID LOCK OUTPUT	No. of	of Wire	7	\dashv	GR	PASSENGER DOOR REQUEST SW	143	۵	COMBI SW OUTPUT 1
9 G DRIVER DOOR, FUEL LID UNLOCK OUTPUT	34	ŋ	LUGGAGE/TRUNK ROOM ANT-	101	_	DRIVER DOOR REQUEST SW	144	g	COMBI SW OUTPUT 2
11 BR BAT (FUSE)	35	œ	LUGGAGE/TRUNK ROOM ANT+	102 C	0	BLOWER FAN MOTOR RELAY CONT	145	٦	COMBI SW OUTPUT 3
13 B GROUND	38	В	REAR BUMPER ANT-	103 L	LG KYL	KYLS ENT RECEIVER (FRONT) PWR SUPPLY	146	SB	COMBI SW OUTPUT 4
14 R PUSH-BUTTON IGNITION SWILL GND	39	Ν	REAR BUMPER ANT+	107 L	LG	COMBI SW INPUT 1	150	GR	DRIVER DOOR SW
15 Y ACC IND	47	>	IGN RELAY (IPDM E/R) CONT	Н	В	COMBI SW INPUT 4	151	G	REAR WINDOW DEFOGGER RELAY CONT
17 W TURN SIGNAL RH (FRONT, SIDE)	52	SB	STARTER RELAY CONT	109	\ \	COMBI SW INPUT 2			
18 O TURN SIGNAL LH (FRONT, SIDE)	09	BR	PUSH SW	110 F	а	HAZARD SW			
19 P ROOM LAMP TIMER CONTROL	61	W B.	BACK DOOR/TRUNK LID DOOR REQUEST SW						
	64	G	I-KEY WARN BUZZER (ENG ROOM)						
	99	œ	BACK DOOR/TRUNK ROOM LAMP SW						
	67	ag	BACK DOOR/TRIINK LID OPENER SW						

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INTE	RIOR	INTERIOR ROOM LAMP				
Connector No.	or No.	M124	80	ч	-	Connector No. R4
Jonne	Connector Name	DI MINE	Ξ	В	-	MAD I AMD
Togalilaco.	alliku io	MINE TO MINE	12	٨	-	
Connector Type	or Type	TH40MW-CS15	13	9	-	Connector Type TK06FGY
4			14	SHIELD	1	4
厚	_		15	œ	1	修
Ŧ	Ę		16	ŋ	1	
	_	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 10 11 12 13 14 15 16 17 18 18 18 18 18 18 18				654321
	ال		Connector No.	or No.	R2	
			Connect	Connector Name	VANITY MIRROR LAMP LH	
Terminal	⊢	Signal Name [Specification]	Connector Type	or Type	MCA02FW	Terminal Color Signal Name [Specification]
o S	of Wire		Ą.	\		
=	5 >		季			E >
- 2	. g		H.S.	vi	-	╀
13	>	1			2	
14	В	-				
15	Μ					6 GR -
19	>	1				
23	4/B	1	Terminal	Color	Signal Name [Specification]	
25	≯		Š	of Wire	Constant of the constant of th	Connector No. R11
56	SHIELD	-	-	В	1	Connector Name WIRE TO WIRE
32	m	1	2	œ	1	П
44	٥	1				Connector Type TH12FW-NH
20	>					ģ
51	>	1	Connector No.	or No.	R3	多
25	S.	-	Connect	Connector Name	VANITY MIRROR LAMP RH	
53	≥	1				6 5 4 3 2
24	5	1	Connector Type	or Type	MCA02FW	12 11 10 9 8 7
22	œ	1	ģ			
			厚	_		
Connector No.	or No.	RI	E.	20	Ē	L
					2	No. of Wire Signal Name [Specification]
Connect	Connector Name	WIRE TO WIRE				SB
Connect	Connector Type	TH16FW-NH				2 B
þ						3 R
厚			Terminal		Signal Name [Specification]	\dashv
	v	Ч	ġ	of Wire		+
	5	5 4 3 2	- -	a .	1	7
		16 15 14 13 12 11 10 9	2	œ	1	ŝ
						+
						+
	Ļ					+
Terminal		Signal Name [Specification]				+
Ö.	of Wire					12 Y -
4	≯	1				
ιO	œ	-				
9	В	1				
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[ROADSTER] < WIRING DIAGRAM > **ILLUMINATION** Α Wiring Diagram INFOID:0000000009749204 В FUSE BLOCK (J/B) (M1), (M2), (M3), (E103) ★ ILLUMINATION TRIP COMPUTER SWITCH AV CONTROL UNIT To BOSE audio with navigation system METER ILLUMINATION C ILLUMINATION CONTROL SWITCH UNIFIED METER CONTROL UNIT COMBINATION METER (M53) D TILLUMINATION IGNITION SWITCH ON or START 4 4 Е 10A ⟨FD⟩: With front door satellite sensor XD⟩: Without front door satellite sensor \$[<u>-</u> F G PIODE Н (XM): Except for Mexico (CP): Coupe models (RS): Roadster models (NV): With NAVI 10 4 J DRIVER SIDE DOOGR SWITCH RES IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM) ES). (E6) Κ DATA LINE BCM (BODY CONTROL MODULE) (M118), (M119), (M122), (M123) DATA LINK CONNECTOR (B) INL M24 10A 53

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COMBINATION SWITCH

91 | Me

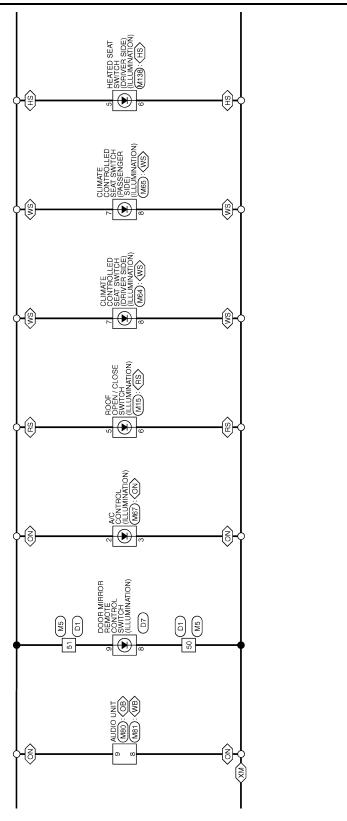
15A 50

15A 51

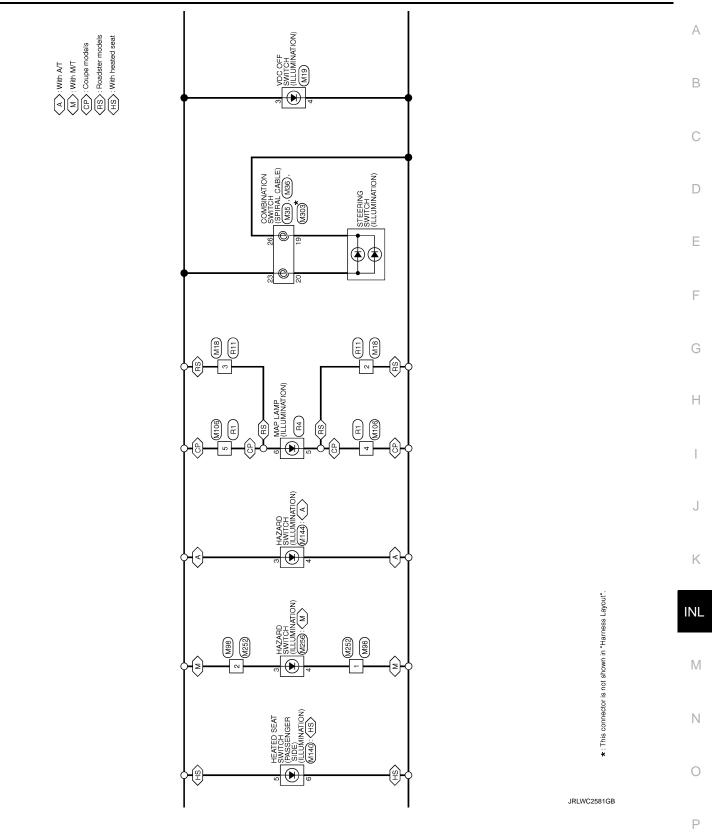
ILLUMINATION

BATTERY

CPU

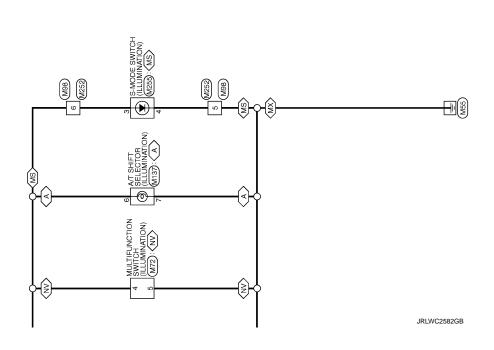


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[ROADSTER] < WIRING DIAGRAM >

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	Т		2 5	3			Т		2	3	L . Look now
Connecto	Connector Name WIRE TO WIRE		3 8	SPIELD	Floodbe model	Connector Name	Name DRIVER SIDE DOOR SWITCH		= =	٠ ;	Dwitt Book system
Connector Type	or Type TH80EW-CS16-TM4		F 14	3 >	[Signal Expansion	Connector Type	Type A03EW		2	٠ -	
	1		48	SHELD	-		1		: 2		1
			12	>	-	4	[4	BS	- [Coupe models]
			52	œ	1	1			14	>	- [Roadster models]
Ź			22	SHIELD		2			15	Α	1
			28	В		_	8		19	>	1
			09	>		_	1		23	4/Β	ı
			61	SB	1]		25	ď	-
			62	SHIELD					56	SHIELD	-
Termina	Color	,	63	BR		Terminal	L		35	g	1
No.	of Wire Signal Name [Specification]	[no	64	>			of Wire Signal Name [Specification]	Tuor	44	_	1
_			65	SHIELD		2	- GR		47	a	1
2			99	۵] _			48	SB	1
	2 >		67	1		_			64	3	1
4	. M		e e	CHED		Connector No	No BE3		505	-	1
r u			8 8	0			Т		3	3 0	1
-			5 6	4		Connector Name	Name DRIVER SIDE DOOR SWITCH		5	2 ;	
	5 5		2 7	2	1			Ī	25	> 2	ī
10			-	>	U	connector Type	ı		23	2 6	1
S)	- 88		7/	1	1	4			54	35	1
=	, ,		22	8		手	C		22	g	1
15	- M		74	æ	1	- TIG					
13	BR -		72	BG	ı						
14	- P7		80	≻	1	_	40		Connector No.		D7
12	B		81	œ	-		2		Connector Name		HOLING INTERIOR REMOTE CONTROL SWITCH
16			82	В	-						
17			83	GR	1				Connector Type		TK16FW
18			84	ŋ	- [Coupe models]				[
20	SB		84	_	- [Roadster models]	ģ	of Wire Signal Name Lopecincation	Tuor			
21	5		82	57		2	GR			_	
22	GR		98	>	1	e	- 8		?	<i>.</i>	
23	>		87	BB] 					8 9 10 12 13 14 15 16
54	BG -		88	g	1	_					
25	-		93	>	1	Connector No.	No. D1				
56			94	_	- [Coupe models]		Т				
27	, M		96	g	- [Roadster models]	Connector Name	Name WIRE TO WIRE		Terminal	Color	1
28	SHIELD -		92	GR	- [Coupe models]	Connector Type	Type TH40FW-CS15		Š	of Wire	Signal Name [Specification]
31			92	57	- [Roadster models]				-	ω	T
32	- 8		96	-		4			_	>	1
33	- Coune		65	>	1		0		œ	9	1
33	W - Boadster modelo		ŝ	. 3	- Coune modele	H.S.	15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	1 3 2 1	,	2	1
8 8	Page 1		8 8	. >			_	1/2019/18/17/19	\$: >	1
5 8			8 8	2		_	555-453 50 50 40 448 47 35 34 33 32 32	Hadarakara	2 2	- (
3 8	- conbe		6	3 4		_			7.	5 5	11
es es	B - [Koadster models]		3	n	1	7			2 3	÷ -	r
es s									4 7	_ {	г
3						9	Color Signal Name [Specification]	[noi	2	2 1	
41						o N			16	BR	1
45	GR					7	_				
43	BR -					8	Υ -				
44	١ -					6	- 5				

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Т	Connector No. E103	2 2	Ha (- [Coupe models]	Terminal Color	or Signal Name [Specification]	
Connector Name PPOM E.P. (INTELLIGENT POWER DISTRBUTION MODULE BRGINE ROOM)	Connector Name FUSE BLOCK (J/B)	3 5	5 _	- [Koadster models]	$^{+}$	1	_
Connector Type TH20FW-CS12-M4-1V	Connector Type NS16FW-CS	32	>	1	ZA G	1	_
l		36	>	1	3A L	1	_
		37	>-	-	4A P	-	
		38	В	=	5A L	-	
C11	1	39	В	-	V ∀	-	
4 5 7 116 119 119 36	11/5 95/85	40	W		7A BR		
		41	PT	1	8A L	1	
		42	SB	-			
	L	43	Н	1			ı
Terminal Color Simal Name [Specification]	Terminal Color Signal Name [Snecification]	44	\dashv	- [Except for roadster models with M/T]	Connector No.	M2	\neg
	of Wire	44	œ	- [Roadster models with M/T]	Connector Name	FUSE BLOCK (J/B)	
4 V -	+	45	BG	1		- 1	_
_	+	46	×	1	Connector Type	NS10FW-CS	_
7 R – [Coupe models]	\dashv	┪	۵	1	þ		
+	6F BG -	┪	SHIELD	1	厚		
12 B/W -	8F L -	29	_	1	Ų.		
13 Y =	9F R - [Coupe models]	70	۵	-	2	╣	
16 LG –	9F V - [Roadster models]	80	W	_		9B 8B 6B 5B	
19 W	11F W -	81	Ь	-			
25 G -		82	9	1			
L		83	>	1			
	Connector No. E106	8	7		Terminal Col		_
30 GR		82	BG	ī	No. of Wire	Signal Name [Specification]	
╀	Connector Name WIRE TO WIRE	98	97	1	98		_
	Connector Type TH80FW-CS16-TM4	87	α	-	┝	-	_
	1	68	۵	1	┢		_
Connector No. E6		91	A	1	H		_
l		66	-		╀		_
Connector Name Engine Room	12 日本	83	ı (c		88		_
Connector Type TH08FW-NH		76	s >-	1	┨	_	1
1		5 90	. >				
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		5 6	á 6				
	ŀ	200	¥5	1			
42 41 40 39	Terminal Color Signal Name [Specification]	66	P C	1			
46 45 44 43	No. or wire	001	BG	-			
	*						
	7		ſ				
	+	Connector No.	o.				
Terminal Color Signal Name [Specification]	8	Connector Name		FUSE BLOCK (J/B)			
ot Wire	-		╗				
39 P	- B 6	Connector Type	ype NS06FW-M2	N-M2			
40 L -		4					
41 B/W -	12 R -	B					
Н	13 L –	Ę		3A2A1A			
43 SB -	14 GR -	Ź		7A 6A 5A			
	\dashv						
4	+						
	+						
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Connector No.	ě	M3	48	SB	1	46	G	1	
Connector Name	Neme	FLISE BLOCK (L/B)	49	>-		47	BR		
	2		20	Α	-	28	SHELD	-	
Connector Type	- Type	NS12FW-CS	51	œ	-	29	7	-	
			25	_	1	20	œ	1	
	_		53	>	1	80	97		
ALL	_		54	c		2	æ		
S.	,		25	2	-	82	>	1	
		12C 11C 10C 9C 7C 6C	3			3 6			
						3 2			
			ď	- 14		ŧ	7		
			Connector No.	r No.	M6	ŝ	ž		
	- 1		Connector Name	r Name	WIRE TO WIRE	98	>	1	
Terminal		Simal Nama [Sassification]				87	9	-	
é	of Wire		Connector Type	r Type	TH80MW-CS16-TM4	88	а	1	
90	ď					91	M		
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10C	_	_		9	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	94	>	-	
110	9	1				96	۵	1	
12C	0					97	GR		
						ő	c	1	
						9	W		
						ŝ	2		
Connector No.	ا اع	MS	Terminal	Color	Signal Name [Specification]	8	œ	,	
Connector Name	· Name	WIRE TO WIRE	Ö	of Wire					
			-	>	1				
Connector Type	· Type	TH40MW-CS15	9	_	1				
			4	-					
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H	U			,					
Š	Ξ	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	20	_	1				
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			2	-	1				
			14	g	-				
Terminal	Color	3	15	۵	1				
No.	of Wire		16	Μ					
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11	۸		32	^	-				
12	-	1	36	85	1				
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2	٥		ò	-					
14	>	1	38	5 D	1				
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19	Υ		40	×					
23	Y/B	1	41	PP	1				
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67	-	1	45	٢	-				
56	SHIELD	O	43	g	_				
35	BR	1	44	5	- [With A/T]				
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	ILLUMINATION	NOIL							
Connector No.	or No.	M7	46	5	- [Roadster models]	Connector No. M9	leu	Color Signal Name [Specification]	_
Connector Name	or Name	WIRE TO WIRE	48	SHIELD		Connector Name DIODE	No.		_
Connector Type		TH80MW-CS16-TM4	51	>	-	Connector Type 24335_C9900	2		_
þ		į	52	œ		1	+		_
手	_	200 00 00 00 00 00 00 00 00 00 00 00 00	57	SHELD			4 0	1 an a	_
H.S.	رة ا		8 9	_ 0	1 1	E SH	-	L 02	_
	ı	8 8 8	19	2	ı	112	T	٩	_
			62	SHIELD	-		80		_
			63	œ	1				_
			64	ŋ	1		Н	- 8	_
Terminal	Color	Signal Name [Specification]	65	SHIELD	0	Terminal Color Signal Name [Specification]	=	5	_
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- ^	á		9	, III		= 0			
₀	, S		69	1	1	+	Connector No.	M19	_
4	0	1	70	۵	1			П	_
9	^	-	17	>	1	Connector No. M15	Connector Name	we VDC OFF SWILCH	_
7	PΠ	-	72	Ь	-	BOOF OBEN / CLOSE SWITCH	Connector Type	De TK04FW	
8	SB	-	73	BR	ı		q		ı
6	æ	-	74	æ	1	Connector Type TK06FW-1V	彦		
=	>		75	0	1	1	NI /		
12	> {	1	8 3	≻ }	1			3 2 1 4	
2	H :	'	≅ :	× !		5 = 4			
4	>		28	ž :		3 6 1			
12	B	'	88	5					
91	>		84	-	1	_	-		г
=	~		88	5	1		ē	Color Signal Name [Specification]	
8 2	7 8		98	> 8			No.		_
07	9		â	¥.					_
21	g (88 8	SB ;	1	or wire	2 5		Т
77 6	¥ >		3 3	- {	2	9 3	7	1	_
3 2	> 0		\$ 8	ह्न - -	- [Coodetar models]		+		7
52	-		5 50	9		+			
26	۵ ا	,	95	*	ľ	: 00			
27	В	1	96	-					
28	SHIELD	-	97	P	- [Coupe models]				
31	W	-	6	٨	- [Roadster models]	Connector No. M18			
32	В	-	86	BG		MIDE TO MIDE			
33	W	_	86	_	- [Roadster models]				
34	œ	-	66	4	1	Connector Type TH12MW=NH			
32	<u>п</u>	1	100	80	1	á			
36	-	1							
40	_	1				1 2 3 4 5 6			
14	œ	-				7 8 6 10 11			
45	æ	<u> </u>							
43	ď	1							
44	æ								
45	0								
46	SHIELD	- [Coupe models]							

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17 B AMBERT SENSOR SIGNAL 18 V TUEL LEVEL SENSOR GROUND 19 V V V V V V V V V	Signal Name [Specification] Connector Name Connecto
Connector No. MIGO Connector Name PUSH-BUTTON IGNITION SWITCH Connector Type TruBE-BR TH. SEE TO THE TRUBE-BR TH. SEE TO TH. SEE TO THE TRUBE-BR TH. SEE TO THE TRUBE-BR TH. SEE TO TH. SEE TO THE TRUBE-BR TH. SEE TO THE TRUBE-BR TH. SEE TO THE TRUBE-BR TH. SEE TO TH. SEE TO TH. SEE TO THE TRUBE-BR TH. SEE TO TH. SEE TO THE TRUBE-	Terminal Color
12 P	Terminal Color Signal Name [Specification] 23 W
	Signal Name (Specification)

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	SHIELD	72 R MICROPHONE VCC		75 LG AV COMM (L) [Coupe models]	75 Y AV COMM (L) [Roadster models]	2 >	۳	80 G IGNITION SIGNAL	0	Y VEHICLE SPE	83 B SHIELD	> 1	8/ G MICROPHONE SIGNAL	r _	Y AV COMM	r on	92 Y AV COMM (H) [Coupe models]	92 LG AV COMM (H) [Roadster models]		Connector No Maga	Т	Connector Name WIRE TO WIRE	Connector Type TH08FW-NH	4		4 3 2 1	8765	1	Te .	No. of Wire	Н	3 GR	+	╁	7 8	- 5				
	Connector No. M81	Connector Name AUDIO UNIT	Connector Type TH18FW-CS2			и	15 0	01 01 01 41 01 71 11 01			20	No. of Wire	1 V BOSE AMP, ON SIGNAL	2 >	4 L SOUND SIGNAL REAR LH (+)	5 R SOUND SIGNAL REAR LH (-)	6 W STRG SW A	7 L ACC	*	9 R ILL (+)	T SOUND SIG	12 P SOUND SIGNAL FRONT RH (-)	œ	G SOUNE	15 B STRG SW GND 16 GR STRG SW B	Y VEHICLE SPI	19 Y BATTERY 20 SHIELD SHIELD		Connector No. M86	Connector Name AV CONTROL UNIT	Connector Type TH32FW-NH			67 68 71 72 73 74 75	79 80 81 82 83 84 87 89 90 91 92			Terminal Color	of Wire	65 O PARKING BRAKE SIGNAL
	M72	MULTIFUNCTION SWITCH	TH16FW-NH				8	135 9			Color Signal Name [Specification]	B.	I			oe models]	L AV COMM (H) [Roadster models]	Y AV COMM (L) [Coupe models]	AV COMM (L) [Roadster models]	BR SW GND	2000 1000 1000		M80	AUDIO UNIT	TH18FW-CS2					Cont	Signal Name [Specification]	of Wire	<u>争</u>		L Acc	W ILL (-)	R IIL (+)	_		L STRG SW B 6
NATION	Connector No. M65 Connector No.	Connector Name CLIMATE CONTROLLED SEAT SMITCH (PASSENGER SIDE)	Connector Type TK08FBR Connector Type			H.S. The state of	60				Terminal Color Signal Name [Specification] Terminal	of Wire		5 -	-	H	9 - 9	7 R - 8	8	00 5	Connector No. M67	IOGLINOO O/ V	- 1	Connector Type TH10FB-NH Connector Name	Connector Type		12345			Terminal Color Signal Name [Specification] of Wire	G IGNITION POWER SUPPLY Te	2 R ILL+	W ILL-	. X	B GROUND		6	12	15	91

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< WIRING DIAGRAM >

BOM (BODY CONTROL MODULE) BST BST	Connector No. M106	Connector No. M1	M119	83	GR	KYLS ENT RECEIVER (FRONT) COMM	140	9	NOILISON N/A
Connector Name BOM (BODY CONTROL MODULE) Specification No. of Wire Superior Specification No. of Wire Superior (BAD) No. of Wire No. of Wire Superior (BAD) No. of Wire No. of Wire Superior (BAD) No. of Wire Superior (BAD) No. of Wire No. of Wire		Т		6	5 8	COMBI SW INDITE	141	, >	SECURITY INDICATOR
Connector Type Risterw-CS 11 13 14 15 17 18 19 10 10 10 10 10 10 10	WIRE		3M (BODY CONTROL MODULE)	88	<u> </u>	COMBLSW INPUT 3	142	- 0	COMBI SW OUTPUT 5
1 1 1 1 1 1 1 1 1 1	HN-I		16FW-CS	96	Δ.	CAN-L	143	Ь	COMBI SW OUTPUT 1
1		ſ		91	7	CAN-H	144	9	COMBI SW OUTPUT 2
1 1 1 1 1 1 1 1 1 1		E		92	97	KEY SLOT ILL	145	٦	COMBI SW OUTPUT 3
1		Į		93	>	ONI NO	146	SB	COMBI SW OUTPUT 4
Terminal Color Signal Name Specification 100 CR 100 CR		2	3	92	0	ACC RELAY CONT	150	GR	DRIVER DOOR SW
Terminal Color Signal Name (Specification) Terminal Color	3 4 5		14 15 17 18	96	>	A/T SHIFT SELECTOR POWER SUPPLY	151	g	REAR WINDOW DEFOGGER RELAY CONT
Terminal Color Signal Name (Specification) No. of Wire Signal Name (Specification) No. of Wire Signal Name (Specification) 100 Cornector Name Cornec	11 12 13 1	I		66	α	SHIFT P/CLUTCH PEDAL POS SW			
Terminal Color Signal Name (Specification) Terminal Color				100	GR	PASSENGER DOOR REQUEST SW			
Terminal Color Terminal Color			101	>	DRIVER DOOR REQUEST SW	Connector No.		M137	
No		┕		102	c	RI OWER FAN MOTOR RELAY CONT		Т	
10	ignal Name [Specification]		Signal Name [Specification]	200	Ť	CALS ENT DESCRIPTION (TROUT) DATE STIDE V	Connector Name		A/T SHIFT SELECTOR
1				103	T	VILS EN L'RECEIVER (FRONT) PWR SUPPLY		Т	
10	-	r	IN LERIOR ROOM LAMP POWER SUPPLY	/OI	2	COMBI SW INPUT I	connector lype	٦	IKIUFW
10	_		PASSENGER DOOR UNLOCK OUTPUT	108	ď	COMBI SW INPUT 4	¢	•	
1 8 C DRIVER DOOR FIEL LID UNLOCK OUTPUT 110 P 11 8 R PUSH-BUT GINDON BULL GND 12 W TURN SIGNAL, BH (FRONT SIDE) Connector Name 13 W TURN SIGNAL, LH (FRONT SIDE) Connector Name 15 W TURN SIGNAL, LH (FRONT SIDE) Connector Name 16 D ROOM LAMP TIMER CONTROL. 19 ROOM LAMP TIMER CONTROL. 10 ROOM ANT 2 114 R 11 SB ROOM ANT 2 115 C 11 SB ROOM ANT 2 115 C 11 SB ROOM ANT 2 115 C 11 SB ROOM ANT 1 115 C 11 SB ROOM ANT 2 -	>	ALL DOOR, FUEL LID LOCK OUTPUT	109	×	COMBI SW INPUT 2		_		
11 BR BAT (FUNE) Connector No.		9	RIVER DOOR, FUEL LID UNLOCK OUTPUT	110	۵	HAZARD SW	1		
11 EN PUSH-BUTTON WALL GND Connector No. 14 R PUSH-BUTTON WALL GND Connector No. 15 W TURN SIGNAL, BH (FRONT SIDE) Connector Name F.D. 16 D ROOM LAMP TIMER CONTROL. Connector Name BCM (BCDV CONTROL. MODULE) Connector Name Connector N		8	DAT (CISE)				1	7.	1 2 3 4
1		+	DAI (FOSE)						5 6 7 8 9 10
14		+	GROOND						
15	1		PUSH-BUTTON IGNITION SWILL GND	Connector		A123			
17 W TURN SIGNAL IN (FRONT SIDE) Connector Type THANP SIGNAL IN (FRONT SIDE) Connector Type Connec	_	15 Y	ACC IND	Connector		CM (BODY CONTROL MODILIE)			
18 O TURN SIGNAL LH (FRONT SIDE)	-		TURN SIGNAL RH (FRONT, SIDE)	COLLIGO		COM (BOD) CONTROL MODOLL)			
19 P ROOM LAMP TIMER CONTROL	-	L	TURN SIGNAL LH (FRONT, SIDE)	Connector	Г	H40FG-NH	Terminal	Color	3
Connector No. M1122		ŀ	ROOM LAMP TIMER CONTROL		<u>ا</u> ر		No	_	Signal Name [Specification]
Connector No. M.12 Connector No. M.12 Connector No. M.12 Connector No. Connect		1		Œ			-	Α	1
Connector No. M122							^	>	1
Connector Name BOM (BODY CONTROL MODULE) Connector Type TH40FB-NH		22	Y Y	130 12		n	_	1	
Connector Name SOM REDNY CONTROL MODULE) Connector Type TH40FB-NH Terminal Color No of Wire Specification No of Wire Color No of Wire					151	146 145 148 149 149 140 139 138 137 134 133 132	4		ī
Terminal Color Term			3M (BODY CONTROL MODULE)				·	ď	
Terminal Color Col		Τ	114				,	,	
		7	HOTELIAN				١	r ;	1
March Marc		ą					_	×	1
Transport Tran				Terminal	Color	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	00	۵	ı
Terminal Color Col				No.	of Wire	Signal Name [Specification]	σ	>	
Terminal	1 3	1.5	(113	c	OPTICAL SENSOR	ç	۵	П
Terminal Color Color	1°5	91 90	88 87 74 73 72 81 80 79 78 77 76 75 74 73 72	;	,	and story restations of			
Terminal Color Signal Mann [Specification] 115 SB 118 SB 118 SB 119 SB		100 200	100 MV 100 MV 101 MV 101 MV 100 MV 10		٠	OLUION INTERLUCIO SW			
Terminal Color C				GL.	٥	1			
Terminal Color Color				116	SB	STOP LAMP SW 1			
Terminal Color Signal Mame [Specification] 119 SSB No. of Wire FROOM ANT 2- 123 W 12				118	۵	STOP LAMP SW 2			
No. of Wiee Signal Name [Specification] 121 R 172		L		110	g	DR DOOR HIN OCK SENSOR			
72	gnal Name [Specification]		Signal Name [Specification]	101	9	VEV SI OT SM			
72 L FOOM ANT 2- 124 LG 73 SB PASSENGER DOOR ANT- 129 LG 74 SB PASSENGER DOOR ANT- 129 LG 75 L PRODE ANT- 139 L 76 V DEVICE DOOR ANT- 139 L 76 L ROUAL ANT L 79 R RATS ANT ANT- 139 G 80 GR NATS ANT ANT- 139 G 81 W NATS ANT ANT- 139 G 82 V NATS ANT ANT- 139 G 83 W NATS ANT ANT- 139 G 84 RATS ANT ANT- 139 G 85 RATS ANT ANT- 139 G 85 RATS ANT ANT- 139 G 86 RATS ANT ANT- 139 G 87 RATS ANT ANT- 139 G 88 RATS ANT ANT- 139 G 89 RATS ANT ANT- 139 G 80 RATS ANT ANT- 139 G 80 RATS ANT ANT- 139 G 80 RATS ANT ANT- 139 G 81 RATS ANT ANT- 139 G 84 RATS ANT ANT- 139 G 85 RATS ANT ANT- 139 G 85 RATS ANT ANT- 139 G 86 RATS ANT ANT- 139 G 86 RATS ANT ANT- 139 G 86 RATS ANT ANT- 139 G 87 RATS ANT ANT- 139 G 88 RATS ANT ANT- 139 G 89 RATS ANT ANT- 139 G 80 RATS ANT- 139 G 80	(O L) HAC	t	O Elev PROCE	2 00,	:	1011.00			
74 5 6 PASSENGER DOR ANT- 124 LG 74 5 6 C C C C 75 6 C C C C 77 77 LG C C C 78 L RODM ANT 122 V 79 L RODM ANT 122 V 79 L RODM ANT 123 C 79 R RODM ANT 123 C 80 GR NATS ANT AMP. 131 GR 81 W NATS ANT AMP. 131 P 81 W RATS ANT AMP. 131 P 81 W RATS ANT AMP. 131 P 82 C C C C 83 W RATS ANT AMP. 134 C 84 RATS ANT AMP. 135 P 85 C C C C 85 C C C C 86 C C C C 86 C C C C 87 C C C 88 W RATS ANT AMP. 134 C 89 GR RATS ANT AMP. 135 P 80 GR RATS ANT AMP. 135 P 80 RATS ANT AMP. 135 P	DAI (F/L)	+	ROOM AN Z=	57	À	IGN F/B			
74 SB PASSENGER DOOR ANT- 129 C 75 ER PASSENGER DOOR ANT- 130 L 76 V DRIVER DOOR ANT- 130 L 77 L DRIVER DOOR ANT- 132 V 78 L ROOM ANT - 133 G 79 R RATTS ANT AMP- 131 G 80 GR NATS ANT AMP- 131 G 81 W NATS ANT AMP- 131 C 81 W STATS ANT AMP- 131 C 81 W STATS ANT AMP- 131 C 82 ROOM ANT - 134 C 83 ROOM ANT - 134 C 84 ROOM ANT - 134 C 85 ROOM ANT - 134 C 86 ROOM ANT - 134 C 81 W NATS ANT AMP- 135 C 82 ROOM ANT - 134 C 83 ROOM ANT - 134 C 84 ROOM ANT - 134 C 85 ROOM ANT - 134 C 85 ROOM ANT - 134 C 85 ROOM ANT - 134 C 86 ROOM ANT - 134 C 86 ROOM ANT - 134 C 86 ROOM ANT - 134 C 87 ROOM ANT - 134 C 88 ROOM ANT - 134 C 89 ROOM ANT - 134 C 80 ROOM ANT	VINDOW POWER SUPPLY (BAT)	_	ROOM ANT 2+	124	re	PASSENGER DOOR SW			
75 BR PASSENGEN DOOR ANT+ 130 L 76 V DRIVER DOOR ANT- 122 V 77 T C C C C 78 L ROOM ANT + 133 C 79 R ROOM ANT + 134 G 80 GR NATS ANT AMP. 131 P 80 GR NATS ANT AMP. 137 P 81 W NATS ANT AMP. 137 P 81 W NATS ANT AMP. 130 P 81 W NATS ANT AMP. 130 P 82 V S C C 83 W NATS ANT AMP. 130 P 84 W NATS ANT AMP. 130 P 85 W NATS ANT AMP. 130 P 85 W NATS ANT AMP. 130 P 86 W NATS ANT AMP. 130 P 86 W NATS ANT AMP. 130 P 87 NATS ANT AMP. 130 P 88 W NATS ANT AMP. 130 P 89 W NATS ANT AMP. 130 P 80 W NATS ANT AMP. 13	MINDOW POWER SUPPLY (IGN)	_	PASSENGER DOOR ANT-	129	0	TRUNK LID OPENER CANCEL SW			
V DRIVER DOOR ANT- 122 V		H	PASSENGER DOOR ANT+	130	-	REAR DEFOGGER SW			
C		ł	THA GOOD GRADO	50,	t	First of the Court and a second of the court			
C		$^{+}$	DIAVEN BOOK SINT	700	Ť	Communication of the communica			
L RODMANT1- 134 GR R RODMANT1- 134 GR GR NATS ANT AMP. 137 P P W NATS ANT AMP. 138 V D IVEN DEL NAT COLOUR 138 V D IVEN DEL NAT CO		+	DRIVER DOOR AN I +	132	†	POWER WINDOW SW COMM [Coupe models]			
R ROOM ANT 1+ 134 GR GR NATS ANT AMP. 137 P W NATS ANT AMP. 138 V D NATE ANT AMP. 138 V		78 L	ROOM ANT 1-	133	g	PUSH BUTTON IGNITION SW ILL POWER			
GR NATS ANT AMP. 137 P			ROOM ANT 1+	134	GR	LOCK IND			
W NATS ANT AMP. 138 V		L	NATS ANT AMP.	137	۵	RECEIVER &SENSOR GND			
THOO (C/O) AV I ON I		H	MATC ANT AMD	138	>	PECEIVED & SENSOR DOWER SIDDI V			
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ILLUMINATION Connector No. M138	Connector No. M144		Connector No.	M255	Connector No.		M303	
Connector Name HEATED SEAT SWITCH (DRIVER SIDE)	le le	SWITCH	Connector Name	S-MODE SWITCH	Connector Name	<u>ء</u>	COMBINATION SWITCH (SPIRAL CABLE)	
Connector Type NS06FW-CS	Connector Type TK04FW		Connector Type	TK04FGY	Connector Type		TK08FGY	
H.S. 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	H.S.	3124	是 H.S.	3 1 2 4	ほ HS		20 19 18 17 16 15 14 13	
Terminal Color Signal Name [Specification]	Terminal Color No. of Wire	Signal Name [Specification]	Terminal Color No. of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	
- 5	1 GR	GROUND	- 0	-	13	1	1	
2 GR –	2 P	ВСМ	2 G	1	14	1	1	
+	+	11.1+	+	-	12	ı	1	
$^{+}$	4 B	TLL-	4 B		16	-	1	
u. ∝					7 9		1 1	
+	Connector No M252		Connector No	M256	0 0		1 1	
		NAME OF THE PROPERTY OF THE PR	N. C.	UNTAND CONTOU	20	1	=	
Connector No. M140	П	WIRE	Connector Name	DAZARD SWITCH				
Connector Name HEATED SEAT SWITCH (PASSENGER SIDE)	Connector Type TH08MW-NH	-NH	Connector Type	TK04FW				
	Q		q		Connector No.	No.	п	
Connector Type NS06FBR-CS	李		事		Connector Name		WIRE TO WIRE	
	H.S.	1 2 3 4	E S		Connector Type	П	TH16FW-NH	
H.S.		5678		3 1 2 4	Œ			
					H.S.		878878	
	Terminal Color No. of Wire	Signal Name [Specification]	Terminal Color No. of Wire	Signal Name [Specification]			15 14 13 12	
Terminal Color Signal Manua [Specification]	1 BG	- [Coupe models]	1 B	GROUND				
of Wire	0 -	- [Roadster models]	2 G	BCM				
5	+	1	+	ILL+	Terminal	Color	Signal Name [Specification]	
0 5	+		+	ILL [Coupe models]	ġ.	2 II.		
2 GK	5 a	1 1	*	ILL- [Koadster models]	4 10	s 0:	1 1	
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ATION	R4	MAP LAMP	TK06FGY	654321
TIOI	R4	MAP	TK06	
ILLUMINATION	Connector No.	Connector Name	Connector Type	是 H.S.

Signal Name [Specification]	-	-	-	=	-	-
Color of Wire	œ	۸	В	SB	Υ	GR
Terminal No.	1	2	3	4	5	9

Connector No.	R11 WIRE TO WIRE
Connector Type	TH12FW-NH
是 H.S.	6 5 4 3 2 1 12 11 10 9 8 7

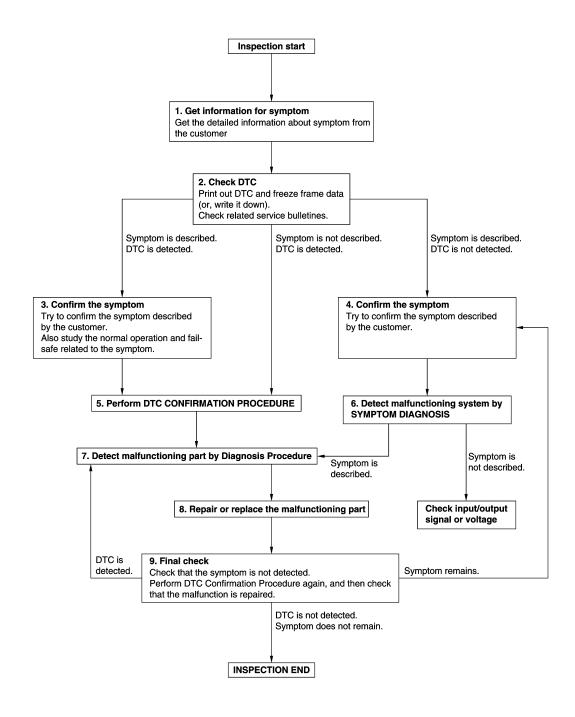
Signal Name [Specification]	_	-	-	-	-	-	-	-	-	1	-	
Color of Wire	SB	В	œ	8	^	ч	SHIELD	н	9	В	9	\
Terminal No.	1	2	3	4	2	9	7	8	6	10	11	12

BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

OVERALL SEQUENCE



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DIAGNOSIS AND REPAIR WORK FLOW

[ROADSTER] < BASIC INSPECTION >

1.GET INFORMATION FOR SYMPTOM

- 1. Get detailed information from the customer about the symptom (the condition and the environment when the incident/malfunction occurs).
- Check operation condition of the function that is malfunctioning.

>> GO TO 2.

2. CHECK DTC

- 1. Check DTC.
- 2. Perform the following procedure if DTC is detected.
- Record DTC and freeze frame data (Print them out using CONSULT.)
- Study the relationship between the cause detected by DTC and the symptom described by the customer.
- Check related service bulletins for information.

Are any symptoms described and any DTC detected?

Symptom is described, DTC is detected>>GO TO 3.

Symptom is described, DTC is not detected>>GO TO 4.

Symptom is not described, DTC is detected>>GO TO 5.

${f 3.}$ CONFIRM THE SYMPTOM

Try to confirm the symptom described by the customer.

Also study the normal operation and fail-safe related to the symptom.

Verify relation between the symptom and the condition when the symptom is detected.

>> GO TO 5.

f 4.CONFIRM THE SYMPTOM

Try to confirm the symptom described by the customer.

Verify relation between the symptom and the condition when the symptom is detected.

>> GO TO 6.

5. PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC CONFIRMATION PROCEDURE for the detected DTC, and then check that DTC is detected again. At this time, always connect CONSULT to the vehicle, and check self diagnostic results in real time. If two or more DTCs are detected, refer to DTC INSPECTION PRIORITY CHART, and determine trouble diagnosis order.

NOTE:

- Freeze frame data is useful if the DTC is not detected.
- Perform Component Function Check if DTC CONFIRMATION PROCEDURE is not included on Service Manual. This simplified check procedure is an effective alternative though DTC cannot be detected during

If the result of Component Function Check is NG, it is the same as the detection of DTC by DTC CONFIR-MATION PROCEDURE.

Is DTC detected?

YES >> GO TO 7.

NO >> Check according to GI-45, "Intermittent Incident".

$oldsymbol{6}$.DETECT MALFUNCTIONING SYSTEM BY SYMPTOM DIAGNOSIS

Detect malfunctioning system according to SYMPTOM DIAGNOSIS based on the confirmed symptom in step 4, and determine the trouble diagnosis order based on possible causes and symptom.

Is the symptom described?

YES >> GO TO 7.

NO >> Monitor input data from related sensors or check voltage of related module terminals using CON-

.DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION > [ROADSTER]

Inspect according to Diagnostic Procedure of the system.

Is malfunctioning part detected?

YES >> GO TO 8.

NO >> Check according to GI-45. "Intermittent Incident".

8.repair or replace the malfunctioning part

- 1. Repair or replace the malfunctioning part.
- Reconnect parts or connectors disconnected during Diagnostic Procedure again after repair and replacement
- 3. Check DTC. If DTC is detected, erase it.

>> GO TO 9.

9. FINAL CHECK

When DTC is detected in step 2, perform DTC CONFIRMATION PROCEDURE again, and then check that the malfunction is repaired securely.

When symptom is described by the customer, refer to confirmed symptom in step 3 or 4, and check that the symptom is not detected.

Is DTC detected and does symptom remain?

YES-1 >> DTC is detected: GO TO 7.

YES-2 >> Symptom remains: GO TO 4.

NO >> Before returning the vehicle to the customer, always erase DTC.

INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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DTC/CIRCUIT DIAGNOSIS

INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

Description INFOID:0000000003362541

Provides the interior room lamp power supply. Also cuts the power supply when the interior room lamp battery saver activating.

Component Function Check

1. CHECK INTERIOR ROOM LAMP POWER SUPPLY FUNCTION

PCONSULT ACTIVE TEST

- 1. Turn the ignition switch ON.
- 2. Turn each interior room lamp ON.
- Map lamp
- Vanity mirror lamp
- Trunk room lamp
- Cargo area courtesy light
- 3. Select "BATTERY SAVER" of BCM (BATTERY SAVER) active test item.
- 4. With operating the test items, check that each interior room lamp turns ON/OFF.

Off : Interior room lamp OFF
On : Interior room lamp ON

Does the interior room lamp turn ON/OFF?

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

NO >> Refer to INL-109, "Diagnosis Procedure".

Diagnosis Procedure

1 -CHECK INTERIOR ROOM LAMP POWER SUPPLY OUTPUT

(P)CONSULT ACTIVE TEST

- Turn the ignition switch ON.
- Select "BATTERY SAVER" of BCM (BATTERY SAVER) active test item.
- 3. With operating the test item, check voltage between BCM harness connector and the ground.

Terminals			Test item		
(+)		(-)	1631 16111	Voltage	
В	СМ		BATTERY	(Approx.)	
Connector	Terminal		SAVER		
		Ground	Off	0 V	
M119	4		On	Battery voltage	

Is the measurement value normal?

YES >> GO TO 2.

NO >> Replace BCM.

2.CHECK INTERIOR ROOM LAMP POWER SUPPLY OPEN CIRCUIT

- 1. Turn the ignition switch OFF.
- 2. Disconnect the following connectors.
- Map lamp
- Vanity mirror lamp (LH)
- Vanity mirror lamp (RH)
- Trunk room lamp
- Cargo area courtesy light
- 3. Check continuity between BCM harness connector and each interior room lamp harness connector.

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INTERIOR ROOM LAMP POWER SUPPLY CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

BCM		Each interio	Continu-		
Connec- tor	Terminal	Connector Terminal			ity
		Map lamp	R4	1	
	M119 4	Vanity mirror lamp (LH)	R2	2	
M119		Vanity mirror lamp (RH)	R3	2	Existed
	Trunk room lamp	B55	1		
	Cargo area coute- sy light	B86	1		

Does continuity exist?

YES >> GO TO 3.

NO >> Repair the harnesses or connectors.

3.CHECK INTERIOR ROOM LAMP POWER SUPPLY SHORT CIRCUIT

Check continuity between BCM harness connector and the ground.

В	CM		Continuity	
Connector	Terminal	Ground	Continuity	
M119	4		Not existed	

Does continuity exist?

YES >> Repair the harnesses or connectors.

NO >> Check that each interior room lamp has no internal short circuit.

INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

INFOID:0000000009362544

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INTERIOR ROOM LAMP CONTROL CIRCUIT

Description

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

CAUTION:

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

- Interior room lamp power supply
- Map lamp bulb

1. CHECK INTERIOR ROOM LAMP CONTROL FUNCTION

PCONSULT ACTIVE TEST

- Turn the ignition switch ON.
- 2. Switch the map lamp switch to DOOR.
- 3. Select "INT LAMP" of BCM (INT LAMP) active test item.
- 4. With 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 dim-

ming

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

YES >> Interior room lamp control circuit is normal.

NO >> Refer to INL-111, "Diagnosis Procedure".

Diagnosis Procedure

1. CHECK INTERIOR ROOM LAMP CONTROL OUTPUT

PCONSULT ACTIVE TEST

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

BCM			Test item	Continuity	
Connector	Terminal	Ground	INT LAMP	Continuity	
M119	10	19	Giodila	On	Existed
WITTS	19		Off	Not existed	

Is the measurement value normal?

YES >> GO TO 2.

Fixed ON>>GO TO 3.

Fixed OFF>>Replace BCM.

2.CHECK INTERIOR ROOM LAMP CONTROL OPEN CIRCUIT

- 1. Turn the ignition switch OFF.
- Disconnect BCM connector and map lamp connector.
- Check continuity between BCM harness connector and map lamp harness connector.

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INTERIOR ROOM LAMP CONTROL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

ВСМ		Map lamp		Continuity
Connector	Terminal	Connector Terminal		Continuity
M119	19	R4	2	Existed

Does continuity exist?

YES >> Replace the map lamp.

NO >> Repair the harnesses or connectors.

3.check interior room lamp control short circuit

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

В	CM		Continuity
Connector Terminal		Ground	Continuity
M119 19			Not existed

Does continuity exist?

YES >> Repair the harnesses or connectors.

NO >> Replace BCM.

TRUNK ROOM LAMP CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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TRUNK ROOM LAMP CIRCUIT

Description INFOID:0000000009362547

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

Component Function Check

CAUTION:

- Before performing the diagnosis, check that the following is normal. Interior room lamp power supply
- Trunk room lamp bulb

1. CHECK TRUNK ROOM LAMP OPERATION

(P)CONSULT ACTIVE TEST

- 1. Turn the ignition switch ON.
- Select "LUGGAGE LAMP TEST" of BCM (INT LAMP) active test item.
- With operating the test items, check that trunk room lamp turns ON/OFF.

On : Trunk room lamp ON Off : Trunk room lamp OFF

Does the Trunk room lamp turn ON/OFF?

YFS >> Trunk room lamp circuit is normal.

NO >> Refer to INL-113, "Diagnosis Procedure".

Diagnosis Procedure

1. CHECK TRUNK ROOM LAMP OUTPUT

PCONSULT ACTIVE TEST

- Turn the ignition switch OFF.
- Remove trunk room lamp bulb.
- Turn the ignition switch ON. 3.
- Select "LUGGAGE LAMP TEST" of BCM (INT LAMP) active test item.
- With operating the test item, check continuity between BCM harness connector and the ground.

В	BCM		Test item	
Connector	Terminal	Ground	LUGGAGE LAMP TEST	Continuity
M120	30	30	On	Existed
IVITZO			Off	Not existed

Is the measurement value normal?

YES >> GO TO 2.

Fixed ON>>GO TO 3.

Fixed OFF>>Replace BCM.

2.CHECK TRUNK ROOM LAMP OPEN CIRCUIT

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

ВСМ		Trunk room lamp		Continuity
Connector	Terminal	Connector Terminal		Continuity
M120	30	B55	2	Existed

Does continuity exist?

>> Replace the trunk room lamp.

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TRUNK ROOM LAMP CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

NO >> Repair the harnesses or connectors.

3.CHECK TRUNK ROOM LAMP SHORT CIRCUIT

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

В	CM		Continuity
Connector	Connector Terminal		Continuity
M120	30		Not existed

Does continuity exist?

YES >> Repair the harnesses or connectors.

NO >> Replace BCM.

PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

Description INFOID:0000000009362550

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

Component Function Check

${f 1}$.CHECK PUSH-BUTTON IGNITION SWITCH ILLUMINATION OPERATION

CONSULT ACTIVE TEST

- Turn the ignition switch ON.
- Select "ENGINE SW ILLUMI" of BCM (INTELLIGENT KEY) active test item.
- 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-115, "Diagnosis Procedure".

Diagnosis Procedure

${f 1}$.CHECK ILLUMINATION CONTROL SWITCHING OPERATION

Turn the ignition switch ON.

With operating the lighting switch, check that the push-button ignition switch illumination turns ON/OFF. 2.

Condition	Push-button ignition switch illumination
Ignition switch ONLighting switch 1ST	ON
Ignition switch OFF Lighting switch OFF Driver door LOCK	OFF

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

YES >> GO TO 2. NO >> GO TO 3.

2.check push-button ignition switch illumination ground circuit

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

В	BCM		ignition switch	Continuity
Connector	Terminal	Connector Terminal		Continuity
M119	14	M50	2	Existed

Does the continuity exist?

>> Replace BCM. Refer to BCS-106, "Removal and Installation" YES

NO >> Repair the harness or the connector.

3.check push-button ignition switch illumination power supply output

(P)CONSULT ACTIVE TEST

- Turn the ignition switch ON.
- Select "ENGINE SW ILLUMI" of BCM (INTELLIGENT KEY) active test item. 2.
- With operating the test item, check voltage between BCM harness connector and the ground.

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PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Terminals			Test item		
(+)		(-)	(-)		
ВСМ		ENGINE SV		(Approx.)	
Connector	Terminal	Ground	ILLUMI		
M123	133	Ground	ON	5 V	
101123 133		OFF	0 V		

Is the measurement value normal?

YES >> GO TO 4. NO >> GO TO 5.

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

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

В	CM	Push-button ignition switch		Continuity	
Connector	Terminal	Connector	Terminal	Continuity	
M123	133	M50	3	Existed	

Does the continuity exist?

YES >> Replace the push-button ignition switch.

NO >> Repair the harness or the connector.

5.check push-button ignition switch illumination power supply short circuit

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

BCM			Continuity
Connector	Terminal	Ground	Continuity
M123	133		Not existed

Does the continuity exist?

YES >> Repair the harness or the connector.

NO >> Replace BCM. Refer to BCS-106, "Removal and Installation"

INTERIOR LIGHTING SYSTEM SYMPTOMS

< SYMPTOM DIAGNOSIS >

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SYMPTOM DIAGNOSIS

INTERIOR LIGHTING SYSTEM SYMPTOMS

Symptom Table

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 Cargo area courtesy light Trunk room lamp Vanity mirror lamp	Harness between BCM and each interior room lamp BCM	Interior room lamp power supply circuit Refer to INL-109, "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 DLK-286, "Component Function Check". Interior room lamp control circuit Refer to INL-111, "Component Function Check".
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-70, "INT LAMP: CON- SULT Function (BCM - INT LAMP) (Roadster Models)".
Trunk room lamp does not turn ON. (The bulb is permet.)	Harness between BCM and trunk room lamp switch Harness between BCM and trunk room lamp BCM	Trunk room lamp switch circuit Refer to <u>DLK-299</u> . "Component Function Check".
(The bulb is normal.)Trunk room lamp does not turn OFF.		Trunk room lamp circuit Refer to INL-113, "Component Function Check".
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-115, "Component Function Check".
Interior room lamp battery saver does not activate.	_	Check the interior room lamp battery saver setting. Refer to INL-71, "BATTERY SAVER: CONSULT Function (BCM - BAT- TERY SAVER) (Roadster Models)".

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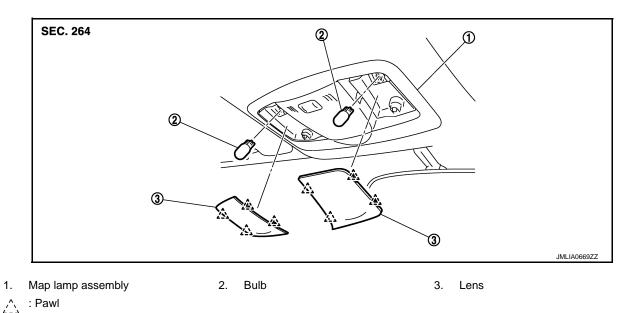
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REMOVAL AND INSTALLATION

MAP LAMP

Exploded View



Removal and Installation

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Refer to INT-28, "Exploded View" for the map lamp assembly installation/removal.

Replacement

CAUTION:

- Disconnect the battery negative terminal or remove the fuse.
- Never touch the glass of bulb directly by hand. Keep grease and other oily matters away from it.
- · Never touch bulb by hand while it is lit or right after being turned off.
- Never leave bulb out of lamp reflector for a long time because dust, moisture smoke, etc. may affect the performance of lamp. When replacing bulb, be sure to replace it with new one.

MAP LAMP BULB

- 1. Insert any appropriate tool into the gap between the lens. Remove the lens.
- 2. Remove the bulb.

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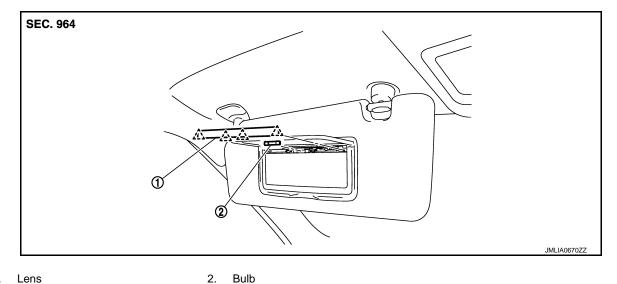
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VANITY MIRROR LAMP

Exploded View



: Lens

Replacement

CAUTION:

- Disconnect the battery negative terminal or remove the fuse.
- Never touch the glass of bulb directly by hand. Keep grease and other oily matters away from it.
- Never touch bulb by hand while it is lit or right after being turned off.
- Never leave bulb out of lamp reflector for a long time because dust, moisture smoke, etc. may affect the performance of lamp. When replacing bulb, be sure to replace it with new one.

VANITY MIRROR LAMP BULB

- 1. Insert any appropriate tool into the gap between the lens. Remove the lens.
- Remove the bulb.

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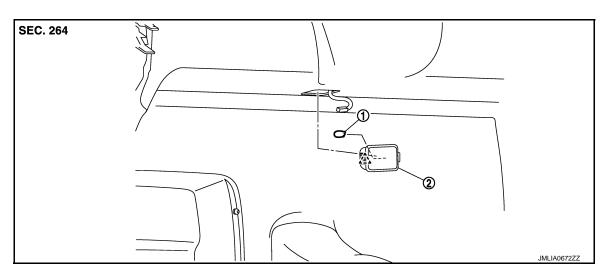
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CARGO AREA COURTESY LIGHT

Exploded View





2. Cargo area courtesy light

Removal and Installation

CAUTION:

Disconnect the battery negative terminal or remove the fuse.

REMOVAL

- Insert any appropriate tool into the gap between cargo area courtesy light and rear parcel shelf assembly.
 Remove cargo area courtesy light.
- 2. Disconnect the connector.

INSTALLATION

Install in the reverse order of removal.

Replacement

CAUTION:

- Disconnect the battery negative terminal or remove the fuse.
- · Never touch the glass of bulb directly by hand. Keep grease and other oily matters away from it.
- · Never touch bulb by hand while it is lit or right after being turned off.
- Never leave bulb out of lamp reflector for a long time because dust, moisture smoke, etc. may affect the performance of lamp. When replacing bulb, be sure to replace it with new one.

CARGO AREA COURTESY LIGHT BULB

- Remove cargo area courtesy light. Refer to INL-120, "Removal and Installation".
- 2. Remove the bulb.

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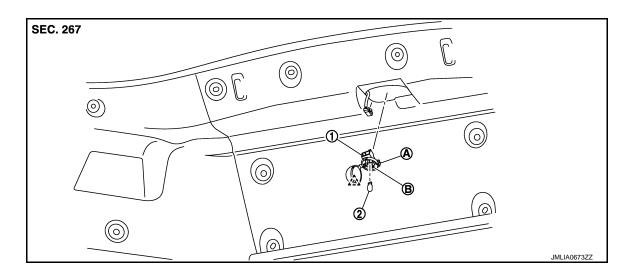
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TRUNK ROOM LAMP

Exploded View



Trunk room lamp

A : Lens fixing pawl

B : Trunk room lamp fixing pawl

^\ : Pawl

Removal and Installation

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CAUTION:

Disconnect the battery negative terminal or remove the fuse.

Bulb

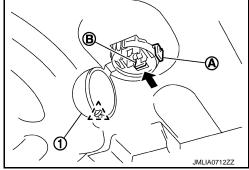
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REMOVAL

1. Disengage lens (1) fixing pawl (A) and open the lens.

- 2. Remove the bulb.
- 3. Press trunk room lamp fixing pawl (B) toward the direction of the arrow and pull trunk room lamp down to remove it from the panel.
- Disconnect the connector and remove trunk room lamp.





INSTALLATION

Install in the reverse order of removal.

Replacement

CAUTION:

- · Disconnect the battery negative terminal or remove the fuse.
- Never touch the glass of bulb directly by hand. Keep grease and other oily matters away from it.
- Never touch bulb by hand while it is lit or right after being turned off.
- Never leave bulb out of lamp reflector for a long time because dust, moisture smoke, etc. may affect the performance of lamp. When replacing bulb, be sure to replace it with new one.

TRUNK ROOM LAMP BULB

- 1. Disengage trunk room lamp lens fixing pawl with a remover tool and open the lens.
- 2. Remove the bulb.

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SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Bulb Specifications

Item	Туре	Wattage (W)
Push-button ignition switch illumination	LED	_
Map lamp	Wedge	8
Vanity mirror lamp	_	2
Trunk room lamp	Wedge	5
Cargo area courtesy light	Wedge	5