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## **PRECAUTION**

#### **PRECAUTIONS**

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, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, 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 or batteries, and wait at least 3 minutes before performing any service.

## Precautions for Removing Battery Terminal

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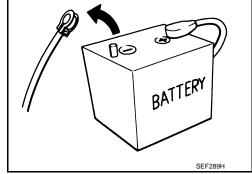
When disconnecting the battery terminal, pay attention to the following.

Always use a 12V battery as power source.

: 4 minutes

- Never disconnect battery terminal while engine is running.
- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.
- For vehicles with the engine listed below, remove the battery terminal after a lapse of the specified time:

BR08DE : 4 minutes V9X engine : 4 minutes : 20 minutes YD25DDTi D4D engine : 2 minutes YS23DDT HR09DET : 12 minutes : 4 minutes HRA2DDT : 12 minutes YS23DDTT : 4 minutes K9K engine : 4 minutes ZD30DDTi : 60 seconds M9R engine : 4 minutes ZD30DDTT : 60 seconds



#### NOTE:

R9M engine

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

 After high-load driving, if the vehicle is equipped with the V9X engine, turn the ignition switch OFF and wait for at least 15 minutes to remove the battery terminal.
 NOTE:

#### **PRECAUTIONS**

#### < PRECAUTION >

- Turbocharger cooling pump may operate in a few minutes after the ignition switch is turned OFF.
- Example of high-load driving
- Driving for 30 minutes or more at 140 km/h (86 MPH) or more.
- Driving for 30 minutes or more on a steep slope.
- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.

Service Notice

- When removing or installing various parts, place a cloth or padding onto the vehicle body to prevent scratches.
- Handle trim, molding, instruments, grille, etc. carefully during removing or installing. Be careful not to oil or damage them.
- Apply sealing compound where necessary when installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.
- When replacing any metal parts (for example body outer panel, members, etc.), be sure to take rust prevention measures.

Precaution for Work

- When removing or disassembling each component, be careful not to damage or deform it. If a component may be subject to interference, be sure to protect it with a shop cloth.
- When removing (disengaging) components with a screwdriver or similar tool, be sure to wrap the component with a shop cloth or vinyl tape to protect it.
- Protect the removed parts with a shop cloth and keep them.
- Replace a deformed or damaged clip.
- If a part is specified as a non-reusable part, always replace it with new one.
- Be sure to tighten bolts and nuts securely to the specified torque.
- After re-installation is completed, be sure to check that each part works normally.
- Follow the steps below to clean components.
- Water soluble foul: Dip a soft cloth into lukewarm water, and wring the water out of the cloth to wipe the fouled area.

Then rub with a soft and dry cloth.

- Oily foul: Dip a soft cloth into lukewarm water with mild detergent (concentration: within 2 to 3%), and wipe the fouled area.
  - Then dip a cloth into fresh water, and wring the water out of the cloth to wipe the detergent off. Then rub with a soft and dry cloth.
- Never use organic solvent such as thinner, benzene, alcohol, and gasoline.
- For genuine leather seats, use a genuine leather seat cleaner.

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## **PREPARATION**

## **PREPARATION**

## Special Service Tool

INFOID:0000000012797178

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

Tool number (Kent-Moore No.) Tool name		Description
(J-39570) Chassis ear	SIIA0993E	Locates the noise
(J-50397) NISSAN Squeak and Rattle Kit	SIIA0994E	Repairs the cause of noise

### **Commercial Service Tool**

INFOID:0000000012797179

Tool name		Description
Engine ear	SIIA0995E	Locates the noise

## **CLIP LIST**

Clip List

Shapes Removal & Installation		Shapes	Removal & Installation
	Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.	Clip A	Removal: Finisher Clip A  Flat-bladed screwdriver Clip B
TTTT	Removal: Remove with a clip remover.	Clip A Clip B (Grommet)	Removal: Flat-bladed screwdriver  Body panel  Clip A Clip B (Grommet)
9 9	Removal: Push center pin to catching position. (Do not remove center pin by hitting it.) Push  Push		Removal: Holder portion of clip must be spread out to remove rod.
	Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.  Clip Finisher		Removal:  1. Screw out with a Phillips screwdriver.  2. Remove female portion with flat-bladed screwdriver.
	Removal:		Removal: Installation:  Rotate 45' to remove.  Removal:
	Removal:		Removal:

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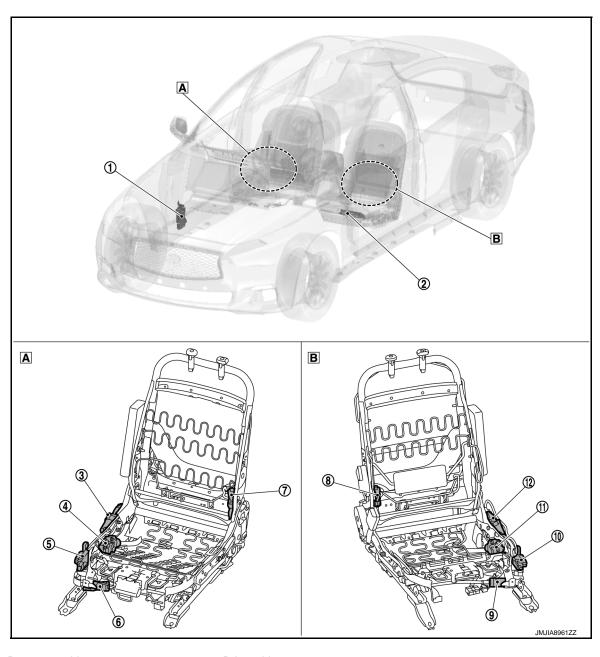
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## SYSTEM DESCRIPTION

COMPONENT PARTS POWER SEAT SYSTEM

POWER SEAT SYSTEM: Component Parts Location

INFOID:0000000012797181



A Passenger side

B Driver side

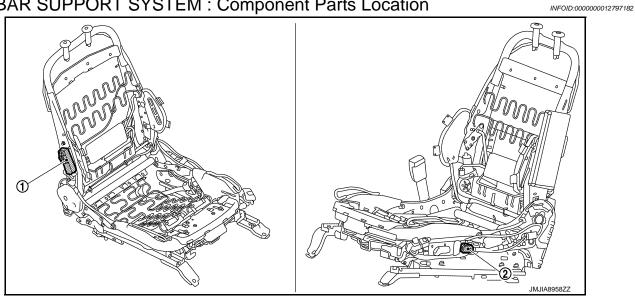
No.	Component	Function
1	ВСМ	Supplies at all times the power received from battery to power seat switch.
2	Driver seat control unit	Operate the specific seat motor with the signal from power seat switch.
3	Lifting motor (rear) (passenger side)	<ul> <li>Lifting motor (rear) is installed to seat frame assembly.</li> <li>Lifting motor (rear) is moved upward/downward by changing the rotation direction of lifting motor (rear).</li> </ul>

### < SYSTEM DESCRIPTION >

No.	Component	Function
4	Lifting motor (front) (passenger side)	<ul> <li>Lifting motor (front) is installed to seat frame assembly.</li> <li>Lifting motor (front) is moved upward/downward by changing the rotation direction of lifting motor (front).</li> </ul>
5	Power seat switch (passenger side)	Refer to SE-12, "Power Seat Switch".
6	Sliding motor (passenger side)	<ul> <li>Sliding motor is installed to the seat frame assembly.</li> <li>Slides the seat forward/backward by changing the rotation direction of sliding motor.</li> </ul>
7	Reclining motor (passenger side)	<ul> <li>Reclining motor is installed to seat frame assembly.</li> <li>Seatback is reclined forward/backward by changing the rotation direction of reclining motor.</li> </ul>
8	Reclining motor (driver side)	<ul> <li>Reclining motor is installed to seat frame assembly.</li> <li>Reclining motor is activated with driver seat control unit.</li> <li>Seatback is reclined forward/backward by changing the rotation direction of reclining motor.</li> </ul>
9	Sliding motor (driver side)	<ul> <li>Sliding motor is installed to the seat frame assembly.</li> <li>Sliding motor is activated with driver seat control unit.</li> <li>Slides the seat forward/backward by changing the rotation direction of sliding motor.</li> </ul>
10	Power seat switch (driver side)	Refer to SE-12, "Power Seat Switch".
11)	Lifting motor (front) (driver side)	<ul> <li>Lifting motor (front) is installed to seat frame assembly.</li> <li>Lifting motor (front) is activated with driver seat control unit.</li> <li>Lifting motor (front) is moved upward/downward by changing the rotation direction of lifting motor (front).</li> </ul>
12	Lifting motor (rear) (driver side)	<ul> <li>Lifting motor (rear) is installed to seat frame assembly.</li> <li>Lifting motor (rear) is activated with driver seat control unit.</li> <li>Lifting motor (rear) is moved upward/downward by changing the rotation direction of lifting motor (rear).</li> </ul>

## LUMBAR SUPPORT SYSTEM

## LUMBAR SUPPORT SYSTEM : Component Parts Location



No.	Component	Function
1	Lumbar support motor	With the power supplied to lumbar support switch, operates the forward and backward movement of seatback support.
2	Lumbar support switch	Refer to SE-13, "Lumbar Support Switch".

## SIDE SUPPORT SYSTEM

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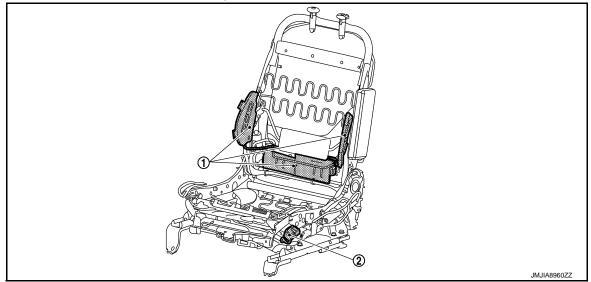
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## SIDE SUPPORT SYSTEM : Component Parts Location

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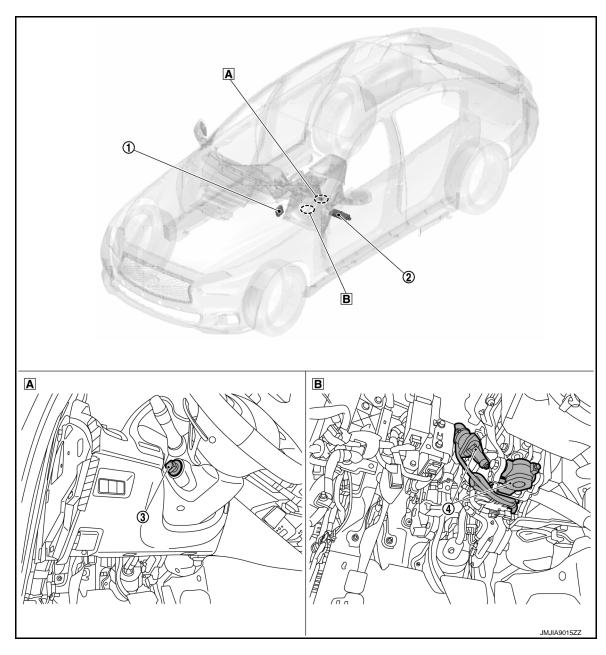


No.	Component	Function
1	Side support assembly	Built-in side support pump, side support valve and side support, and operates when pressing ON/OFF on side support switch.
2	Side support switch	Refer to SE-13, "Side Support Switch".

TILT & TELESCOPIC SYSTEM

# TILT & TELESCOPIC SYSTEM : Component Parts Location

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A View with steering column cover lower lo

View with steering column cover lower and instrument lower cover LH removed

No.	Component	Function
1	Automatic drive position- er control unit	<ul> <li>It communicates with driver seat control unit via UART communication.</li> <li>Perform the controls of tilt &amp; telescopic motor.</li> </ul>
2	Driver seat control unit	<ul> <li>It communicates with automatic drive positioner control unit via UART communication.</li> <li>Requests the operation of tilt &amp; telescopic motor to automatic drive positioner control unit.</li> </ul>
3	Tilt & telescopic switch	Tilt & telescopic switch, as a unit, transmits switch operation signal to automatic drive positioner control unit.
4	Tilt & telescopic motor	Operates by power supply from automatic drive positioner control unit.

### **HEATED SEAT SYSTEM**

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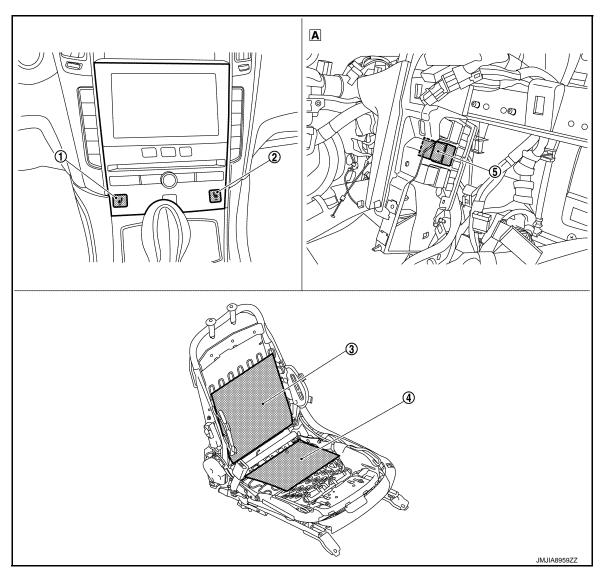
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## **HEATED SEAT SYSTEM: Component Parts Location**

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View with AV control unit or NAVI control unit removed

No.	Component	Function
1	Integral switch (heated seat switch LH)	Adjusts heated seat temperature and activates heated seat system.
2	Integral switch (heated seat switch RH)	Refer to AV-14, "Component Parts Location" for detailed installation location.
3	Seatback heater	<ul> <li>Warms seatback.</li> <li>Contains heat sensor that outputs seatback heater temperature to A/C auto amp.</li> </ul>
4	Seat cushion heater	<ul> <li>Warms seat cushion.</li> <li>Contains heat sensor that outputs seat cushion heater temperature to A/C auto amp.</li> <li>Built-in heat sensor.</li> </ul>
(5)	Heated seat relay	Supplies power to the heated seat being controlled by ignition power supply.

### Power Seat Switch

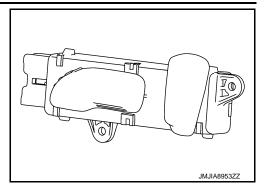
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• Built-in reclining switch, sliding switch and lifting switch, controls the power supplied to each motor.

### **COMPONENT PARTS**

## < SYSTEM DESCRIPTION >

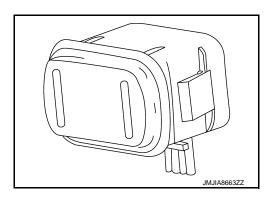
• Installed on seat cushion outer finisher.



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## **Lumbar Support Switch**

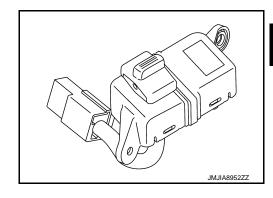
- Controls the power supplied to lumbar support motor.
- Installed on seat cushion outer finisher (driver side).



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## Side Support Switch

- Controls the power supplied to side support assembly.
- Installed on seat cushion outer finisher (driver side).



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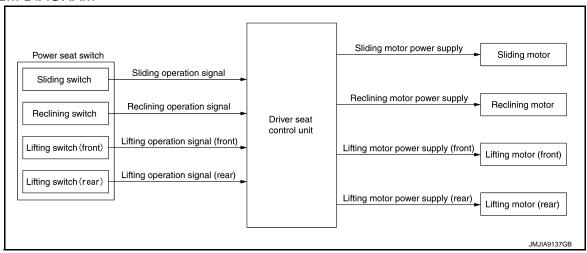
### **SYSTEM**

#### POWER SEAT SYSTEM

## POWER SEAT SYSTEM: System Description

INFOID:0000000012797189

#### SYSTEM DIAGRAM



#### **DESCRIPTIPN**

Power seat can be operated regardless of the ignition switch position, because power supply is always supplied to power seat switch.

#### Sliding Operation

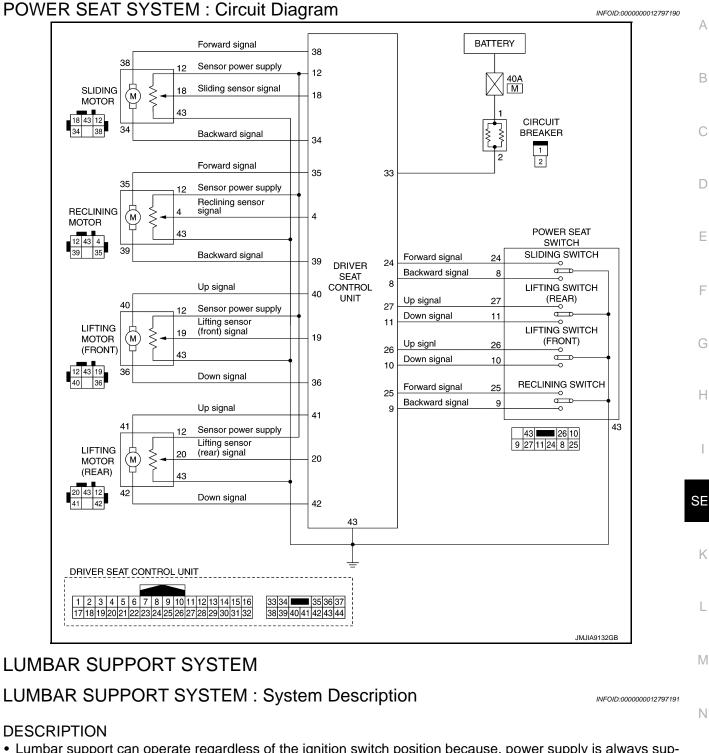
While operating the sliding switch located in power seat switch, sliding motor operates and makes possible the seat front and back position adjustment.

#### **Reclining Operation**

While operating the reclining switch located in power seat switch, reclining motor operates and makes possible the seat back forward and backward position adjustment.

#### Lifting Operation

While operating the lifting switch located in power seat switch, lifting motor operates and makes possible the seat cushion up and down position adjustment.



#### DESCRIPTION

- · Lumbar support can operate regardless of the ignition switch position because, power supply is always supplied to lumber support switch.
- While operating the lumbar support switch, lumbar support motor operates which allows forward and backward operation of seatback support.

#### SIDE SUPPORT SYSTEM

### SIDE SUPPORT SYSTEM: System Description

#### INFOID:0000000012797192

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### **DESCRIPTION**

The pump located inside side support assembly operates when side support switch is operated, and adjusts the air pressure in seatback side support.

#### < SYSTEM DESCRIPTION >

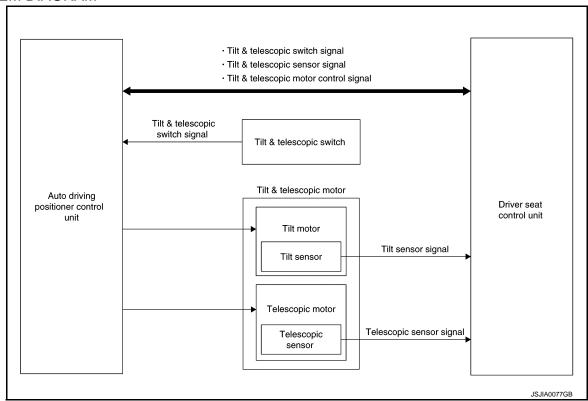
- It is possible to soften the side support, by allowing some air to escape, by deflating the solenoid located inside side support.
- It is possible to adjust seatback differently while inflating or deflating solenoid located in side support assembly.

#### TILT & TELESCOPIC SYSTEM

## TILT & TELESCOPIC SYSTEM : System Description

INFOID:0000000012797193

#### SYSTEM DIAGRAM



#### **DESCRIPTION**

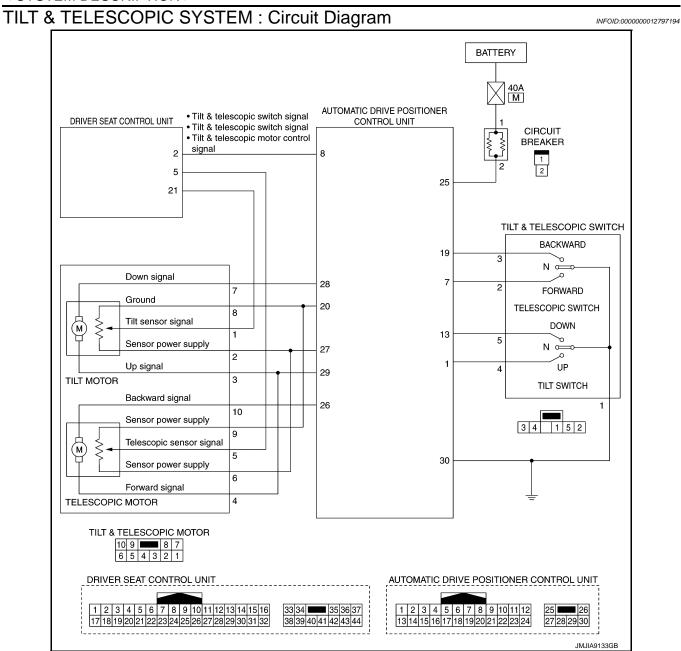
Automatic driver positioner control unit is always supplied power supply from battery, and tilt and telescopic system is operative regardless of the ignition switch position.

#### Tilt Operation

- Tilt motor operates when tilt & telescopic switch is operated, and allows up or down position adjustment of steering wheel.
- Tilt sensor detects the position of steering wheel during tilt motor operation, and automatically cuts the power when the operation limit is reached.

#### **Telescopic Operation**

- Telescopic motor operates when tilt & telescopic switch is operated, and allows forward and backward position regulation of steering wheel.
- Telescopic sensor detects the position of steering wheel during telescopic motor operation, and automatically cuts the power when the operation limit is reached.



### **HEATED SEAT SYSTEM**

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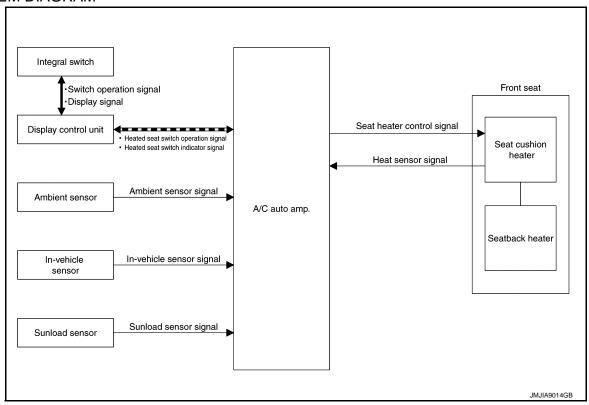
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## **HEATED SEAT SYSTEM: System Description**

INFOID:0000000012797195

#### SYSTEM DIAGRAM



#### DESCRIPTION

- Heated seat system is activated by heated seat switch while ignition switch is ON, and has the function to warm seat cushion and seatback.
- There are two methods for operating the heated seat system: operation with the heated seat switch of the integral switch, and operation with the icon located in the display.
- The heated seat system operates in two modes: AUTO and Manual, which operates for the driver seat and passenger seat independently.
- The temperature of heated seat system can be set in three levels: Lo, Mid, or Hi.
- The status of heated seat system for driver seat and passenger seat can be checked using the integral switch display. Also, touching the operation status indicator in the display can change the temperature setting.

#### **OPERATION DESCRIPTION**

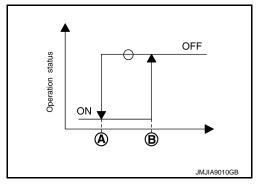
- When the heated seat switch of integral switch is operated, the display control unit receives a switch operation signal from integral switch.
- The display control unit transmits a heated seat switch operation signal to A/C auto amp. via CAN communication.
- When A/C auto amp. receives a heated seat switch operation signal, it operates the heated seat system.
- A/C auto amp operates the heated seat system and simultaneously sends the heated seat switch indicator signal to the display control unit via CAN communication.
- When the display control unit receives a heated seat switch indicator signal, it illuminates the indicator lamp on the heated seat switch of integral switch.

#### Manual Control

• The seatback heater and seat cushion heater are integrated with the heat sensors that detect the seat temperature. The heat sensors transmit the seat temperature as the heated seat signal to A/C auto amp.

#### < SYSTEM DESCRIPTION >

• The A/C auto amp. recognizes the seat temperature from heat sensor signal. It adjusts the seat temperature by stopping operation when the seat temperature reaches the operation stop temperature (A), and starting operation when the seat temperature reaches the operation start temperature (B).

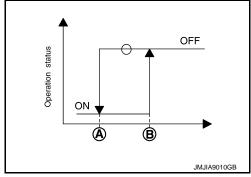


Preset temperature	Temperat	ure °C (°F)
Freset temperature	Temperature at operation stop	Temperature at operation start
Lo	26.67 (80.0)	25.67 (78.2)
Mid	37.67 (99.8)	36.67 (98.0)
Hi	45 (113)	44 (111.2)

#### **AUTO Control**

• The seatback heater and seat cushion heater are integrated with the heat sensors that detect the seat temperature. The heat sensors transmit the seat temperature as the heated seat signal to A/C auto amp.

• The A/C auto amp. recognizes the seat temperature from heat sensor signal. It adjusts the seat temperature by stopping operation when the seat temperature reaches the operation stop temperature (A), and starting operation when the seat temperature reaches the operation start temperature (B).



The A/C auto amp. adjusts the seat temperature automatically based on the temperature felt by the customer, which is calculated from the in-vehicle temperature, ambient temperature, sunload, and seat temperature setting.

		Temperature °C (°F)	
Preset temperature	Heat sensor detection temperature	Temperature at operation stop	Temperature at operation start
	0 (0)	1 (33.8)	0 (0)
	36.67 (98.0)	1 (33.8)	0 (0)
AUTO	37 (98.6)	22 (71.6)	21.67 (71.0)
	38 (100.4)	26.67 (80.0)	26.34 (79.4)
	43 (109.4)	50 (122)	49.67 (121.4)

Temperature setting during AUTO control can be performed by operating the integral switch display.

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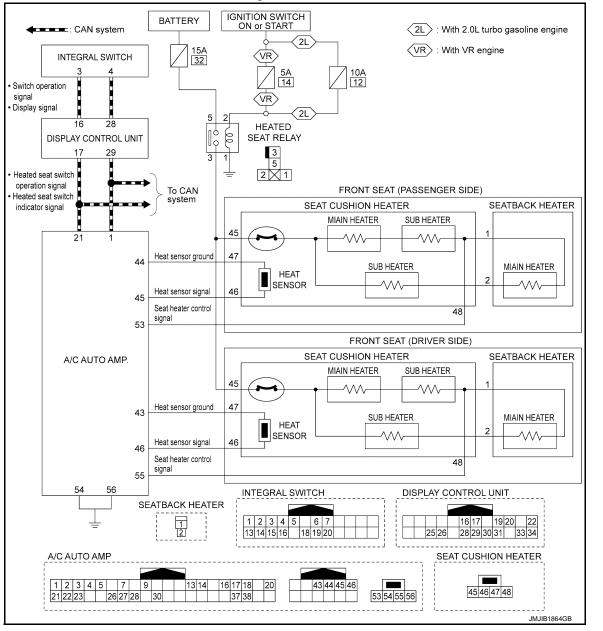
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## **HEATED SEAT SYSTEM: Circuit Diagram**

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# DRIVER SEAT CONTROL UNIT, AUTOMATIC DRIVE POSITIONER CONTROL UNIT, A/C AUTO AMP.

< ECU DIAGNOSIS INFORMATION >

## **ECU DIAGNOSIS INFORMATION**

DRIVER SEAT CONTROL UNIT, AUTOMATIC DRIVE POSITIONER CONTROL UNIT, A/C AUTO AMP.

List of ECU Reference

ECU		Reference
	Reference Value	ADP-35, "Reference Value"
Driver seat control unit	Fail-safe	ADP-41, "Fail-Safe"
	DTC Index	ADP-42, "DTC Index"
Automatic drive positioner control unit	Reference Value	ADP-43, "Reference Value"
	Reference Value	HAC-44, "Reference Value"
A/C auto amp.	Fail-safe	HAC-47, "Fail-safe"

HAC-48, "DTC Index"

DTC Index

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INFOID:0000000012797197

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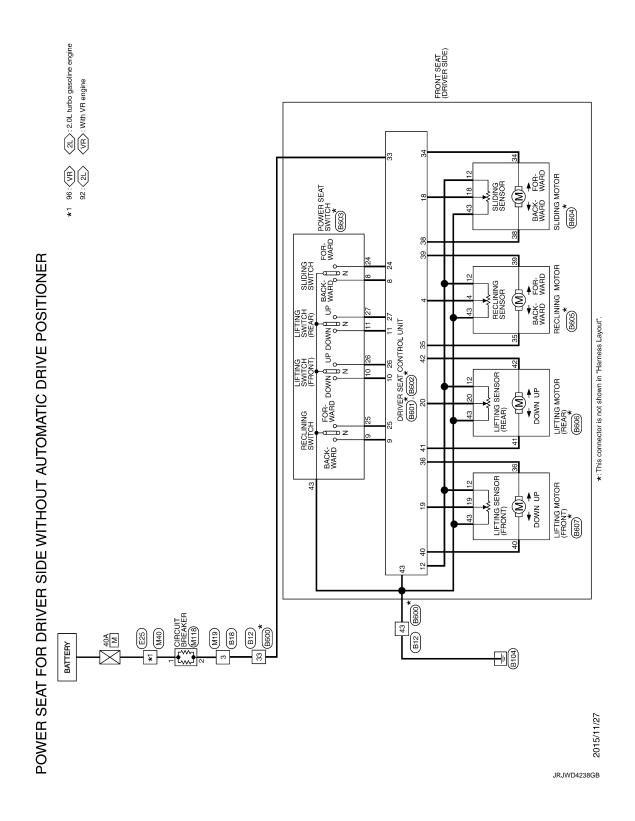
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## WIRING DIAGRAM

## POWER SEAT CONTROL SYSTEM

Wiring Diagram (Driver Side Without Automatic Drive Positioner)

INFOID:0000000012797198



### **POWER SEAT CONTROL SYSTEM**

W W W W W W W W W W W W W W W W W W W	Connector No	No. B12		Terminal	Color Of	Connector No. 812 Terminal Color Of Signal Name (Specification)	54	~		Connector No. B600
	ector N		RE TO WIRE	No.	Wire		25	٤ ۽		
1   1   1   1   1   1   1   1   1   1	ector T	П	16FW-CS	2	. 9		28	>	-	П
1				е	1		59	GR		Q
1   1   1   1   1   1   1   1   1   1	•			4 .	9 <u>;</u>		9 5	9 (		
1   1   1   1   1   1   1   1   1   1	δį		21 5 2 7 1 17	n u			T 6	5 S		17 1 43
1   1   1   1   1   1   1   1   1   1	l		7 33 22 45 6 47 48	^	>		63	88	4	46 48 47 6 45 22 33 7
1				00	97		49	>		
1   1   1   1   1   1   1   1   1   1				10	BG		99	ч		
1   1   1   1   1   1   1   1   1   1				11	BG		70	ч		
1   1   1   1   1   1   1   1   1   1		Color Of	Signal Name (Specification)	12	97		7.1	≯		Color Of
1	+	Wire		13	8		72	В		Wire
15   10   10   10   10   10   10   10	1	_		14	œ		73	>		
1	7	9		15	-		74	_		2
1	5	ا ـــا		16	>		75	~	- [Without paddle shift]	,
10   10   10   10   10   10   10   10	9	>		18	>	•	75	>	- [With paddle shift]	. 9
1	_	۵		19	BR		76	æ		
1	17	۰	- [Without Gateway]	20	>		77	8	,	
1	1	~	- [With Gateway]	22	~		78	SB		
1	7.7	BG		57	>		6/	>	- [With VK30 engine]	
1	22	£ :		24	7	- [With 2.0L turbo gasoline engine]	79	>	- [With 2.0L turbo gasoline engine]	
1	52	ş ,		57	Ť	- [with vksu engine]	18 S	2 6		
1	87	×		52	†	- [With 2.0L turbo gasoline engine and without gateway]	78	¥ ;		
Signature   Sign	33	7		25	7	<ul> <li>[With 2.0L turbo gasoline engine and with gateway]</li> </ul>	83	g		43
25   R	43	В		25	┪	- [With VR30 engine]	84	٦		45
27   R	45	9		56	9		85	В	<ul> <li>[Without paddle shift]</li> </ul>	
1	46	BG	-	27	æ	-	85	۸	- [With paddle shift]	47 -
1   1   1   1   1   1   1   1   1   1	47	ж		28	æ		98	В		
13   15   15   15   15   15   15   15	48	GR		31	8	- [With VR30 engine]	88	9		
Fig. 20   Fig.				31	BR	- [With 2.0L turbo gasoline engine]	68	۸	- [With 2.0L turbo gasoline engine]	
WINETOWINE   23				32	8		68	W	- [With VR30 engine]	
WRETO WRIE   25   10	nnector N			33	В		91	g		
Well DV MIE   25   W		Γ		34	9		96	GR		
17885PW CSL6-TM4	nnector N		RE TO WIRE	32			96	<u></u>		Γ
23   Sign	nnector T	T	30FW-CS16-TM4	36	3		47	. >		]
1   1   1   1   1   1   1   1   1   1		1	- CTC W-C	37	: 5		80	- 8	[Mith VR30 engine and with ROSE evetern]	4
1   1   1   1   1   1   1   1   1   1	1			è e	9 5		000	ś >	[ [ [ Forest width Visco continuous system]	
1   1   1   1   1   1   1   1   1   1				3 5	3		8	-	Tracebo account and a subject of the country of the	
1	ν. Ξ			40	٤ - (					
43   86	ı			147	2 8					17 18 19 20 21 22 23 24 25 26 27 28
43 BG				42	¥ ;					
46 R R				43	g	•				
S				44	BG					
Sa   No. Wire   No.				46	œ					Color Of
10				20	3					Wire
				3 2	: 8					2
2				21	g :					_   8
- E				52	>					BR
				53	91					æ

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POWE	R SEA	POWER SEAT FOR DRIVER SIDE WITHOL	T AUT	<sup>7</sup> OMA <sup>1</sup>	WITHOUT AUTOMATIC DRIVE POSITIONER							
4	۵	PULSE (RECLINER)	Connector No.	or No.	B603	Connector No.		B605	Connector No.		8607	
2	۸	PULSE (TELESCOPIC)	Jonaco	Consider Manage	HOTIMS TABS GRANGE	Constant Manage		OCTOM CIVINI COR	Connector Name		(INOS) SOLOW SWILLING	
9	ď	ADDRESS 2	3	indile indile	LOWER SEAL SWILCH			ECELIAING MOTOR			(INON) VOICE PRINTS	
7	9	IND 2	Connect	Connector Type	NS10FW-CS	Connector Type	Г	YAZAKI_7123-1460	Connector Type		YAZAKI_7123-1460	
00	۸	SLIDE SW (BACKWARD)	9			ú						
6	W	RECLINER SW (BACKWARD)				E			E			
10	0	TILT SW (DOWNWARD)	ť			N E			* T			
11	9	LIFTER SW (DOWNWARD)	2	-		2		H 12 43 4 H	Ċ.		년 12 43 19 <b>년</b>	
12	SB	POWER SUPPLY (ENCODER)			9 27 11 24 8 25			39 35			40 20 36	
17	Ь	CAN-L										
18	PI	PULSE (SLIDE SENSOR)										
19	Μ	PULSE (LIFTER FRONT)								- 1		
20	θ	PULSE (LIFTER REAR)	Terminal	al Color Of	Signal Name [Specification]	Terminal	Color Of	Signal Name (Specification)	Terminal	Color Of	Signal Name [Specification]	
21	SB	PULSE (TILT SENSOR)	No.	Wire		No.	Wire		ò	Wire		
22	0	ADDRESS 1	œ	>	SLIDE SW (BACKWARD)	4	Ь		12	SB		
23	>	IND 1	6	>	RECLINER SW (BACKWARD)	12	SB		19	≽		
24	۵	SLIDE SW (FORWARD)	10	0	TILT SW (DOWNWARD)	35	>		20			
25	٨	RECLINER SW (FORWARD)	11	g/9	LIFTER SW (DOWNWARD)	39	W		36	0		
56	ď	TILT SW (UPWARD)	24	а	SLIDE SW (FORWARD)	43	8		40	eγ		
27	_	LIFTER SW (UPWARD)	22	>	RECLINER SW (FORWARD)				43	8		
28	>	SET SW	56	λS	TILT SW (UPWARD)							
			27	_	LIFTER SW (UPWARD)	Connector No.		9098	_			
			43	в	GND	1	Г	CONTRACTOR CONTRACTOR	Connector No.		E25	
Connector No.		8602				Connecto		IFIIING MICTOR (REAR)	owed a section	Mono	JOHN OF JOHN	
Our Manager		TIMIT ICATINGS TASS BYINGS				Connector Type		YAZAKI_7123-1460	Connecto		WIRE IO WIRE	
Collifector		DRIVER SEAL CONTROL ON!	Connector No.	or No.	B604	<u>ַ</u>			Connector Type	Г	TH80FW-CS16-TM4	
Connector Type	П	NS12FW-CS	Connect	Connector Name	SUDING MOTOR	E		1	ģ			
q						ў. Т			唐			
唐			Connect	Connector Type	YAZAKI_7123-1460	5		<b>  </b> 20 43 12 <b>  </b>	) II (		2 2 2	
¥.		20 - 70	q					41 19 42	E S	_	2 C Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	
		00 00 00 00 00	手								100	
		38 39 40 41 42 43	HS		10 10 10 10 10 10 10 10 10 10 10 10 10 1						<del>2</del> 10	
					31 64 01	Terminal	Color Of	8				
					200	No.	Wire	olgnal Name (opecification)	Terminal	Color Of	Circui Namo [Coocification]	
al	Color Of	Signal Name [Specification]				12	SB		No.	Wire	Transport and a resident	
No.	Wire					19			-	98		
33	œ	BAT (PTC)	Terminal	<u> </u>	Signal Name ISpecification	20	ò		9	>		
34	>	SLIDE MOTOR (BACKWARD)	No.	Wire		41	_		_	_		
35	>	RECLINER MOTOR (FORWARD)	12	SB		42	9		80	98	- [With VR30 engine]	
36	0	TILT MOTOR (DOWNWARD)	18	Γe		43	В		8	BR	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	
38	Ь	SLIDE MOTOR (FORWARD)	34	>					6	В	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	
39	>	RECLINER MOTOR (BACKWARD)	38	۵					6	GR	- [Mith VR30 engine] [Color of wire differs depending on production]	
40	θλ	TILT MOTOR (UPWARD)	43	80					6	P7	- [With VR30 engine] [Color of wire differs depending on production]	
41	_	REAR LIFTER MOTOR (UPWARD)							10	æ		
42	9	REAR LIFTER MOTOR (DOWNWARD)							11	_		
43	8	GND							12	GR	- [With VR30 engine]	
									12	Ь	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	
									13	SHIELD	- [With 2.0L turbo gasoline engine]	

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,		,								,				,		,			,		1	1					, .		- [With VR30 engine]	[With 2.0L turbo gasoline engine]							[With 2.0L turbo gasoline engine]	- [With VR30 engine]					VK30 engine and with BOSE system]
W	SB	91	Ь	9	88 88	6 8	BG	*	>	^	91	æ 1	¥ ≥	: >	BG	9	9	BG	% »	- 0	91	8	В	W	1	3	ž «	SB		) -	В	œ	SB -	3	: 8	9	]-	W	GR	GR	<b>≫</b> 2	+	BK - [WITH
36	37	38	40	41	42	C.P	46	205	51	52	53	24	57	. 85	59	09	61	62	63	# Y	8 02	71	7.2	73	74	75	9/2	78	79	79	81	82	83		98	88	68	89	91	94	96	) S	28
- [With VR30 engine]				M19	WIRE TO WIRE	THROMAN-CC16-TMA		0 0						8	Signal Name [Specification]																		DMith 2 Of trutho manipal	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]							
۵	CHIELD					Τ	1							Color Of	Wire	>	9	SB	BR >	-   -	* >	>	98	BR	91	GR.	¥ -	>	Α.	BR	*	SB	œ 0	<u> </u>	Ь	*	g	æ	ч	BR	8	a ;	>
66	100			Connector No.	Connector Name	Connector Type		1		2				Terminal	Š	1	2	e	4 "	م ر	^	∞	10	11	12	13	4 5	16	18	19	20	22	23	24	25	52	56	27	28	31	32	ç .	ž
- [Color of wire differs depending on production]				- [Color of wire differs depending on production]	- [Color of wire differs depending on production]					- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With 2.0L turbo gasoline engine and without gateway]	- [With 2.0L turbo gasoline engine and with gateway]	- [With VR30 engine]		- [With 2.0L turbo gasoline engine and with ADAS]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine and without ADAS]				- [With 2.0] turbo gasoline engine	- [With VR30 engine]			-		- [With VR30 engine]	- לאונון כיסר נתוסס פֿמסטווני בוופֿוונין		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine and without gateway]	- [With 2.0L turbo gasoline engine and with gateway]			
B/W	W	ч	>	BR	% S	5 9	BG	1	œ	9	91	- :	> (	>	BR	٦	۵	ď	> (	>	. 91	۵	>	SB	o	≃ :	> 88	~	PI	BG	g	9	<u>ن</u> و	5 0	BG	S.	7	BG	Ь	R	× 5	ુ .	1
28	29	61	64	99	99	29	689	69	70	7.1	71	72	73	2 22	74	74	75	75	75	2 2	78	78	78	79	80	81	83 87	83	84	98	87	68	06	91	93	94	94	95	95	95	96	£ 8	98
1	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]	- [With 2.0t turbo gasoline engine]			- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- IMith 2 Of turbo essoline engine]	[augus augus agains aga			- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]		- [With 2.0L turbo gasoline engine]	- [With VR30 engine]				- [With 2.0L turbo gasoline engine]	- [With VR30 engine] - [With VR30 engine]	- [With 2.0L turbo gasoline engine]					- [With 2.0L turbo gasoline engine]			- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [with VR30 engine]	<ul> <li>[with 2.0L turbo gasoline engine]</li> </ul>
Г	GR	SB	æ	>	BR S	5		. >	Α	^	9	g .	۸ د		GR	æ	٦	>	ا ر	۰	. W	>	SB	97	>	_ ;	≥ «	>	9	SHIELD	œ	æ	¥ -	. *	>	_	Α	8	W	BG	SB	2 3	>
8	. 1	ı 1	16	16	17	18	1	19	1	ıl	32	32	33	34	35	36	37	37	38	000	39	39	40	41	44	ď	45	46	L.Ì	48	49	50	50	52	53	54	54	55	55	56	56	2	5/

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Connector No.	or No.	M40	39	¥	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	//		
otocac	Constant Name	30W OT 30W	39	Å	- [With VR30 engine]	78	9	- [With VR30 engine]
onnecto	a Name	WIRE IO WIRE	40	GR		78	97	- [With 2.0L turbo gasoline engine]
Connector Type	or Type	TH80MW-CS16-TM4	41	1	-	79	¥	
			44	BR		80	9	
			45	1	- [With 2.0L turbo gasoline engine]	81	×	
Ę			45	۸	- [With VR30 engine]	82	91	
É	_	28 0 25 0 25 0 25 0 25 0 25 0 25 0 25 0	46	9	- [With VR30 engine]	88	BR	- [With 2.0L turbo gasoline engine]
			46	>	- [With 2.0L turbo gasoline engine]	83	œ	- [With VR30 engine]
			47	BG	- [With 2.0L turbo gasoline engine]	84	>	
			47	œ	- [With VR30 engine]	86	>	
			48	SHIELD		87	9	
Terminal	Color Of	0.000	49	8	- [With VR30 engine]	68	>	
No.	Wire	olgnal Name (opecinication)	49	9	- [With 2.0L turbo gasoline engine]	06	ŋ	- [With VR30 engine]
μ,	BG		20	8	- [With 2.0L turbo gasoline engine]	06	>	- [With 2.0L turbo gasoline engine]
9	M/B		20	BR	- [With VR30 engine]	91	Μ	•
7	>		51	_		95	ی	
∞	BG	- [With VR30 engine]	25	^		93	BR	
∞	BR	- [With 2.0L turbo gasoline engine]	53	9		94	GR.	- [With VR30 engine]
6	97	- [With VR30 engine]	24	SB	- [With 2.0L turbo gasoline engine]	94	٦	- [With 2.0L turbo gasoline engine]
6	۵	- [With 2.0L turbo gasoline engine]	24	>	- [With VR30 engine]	95	BR	- [With VR30 engine]
10	*		25	8	- [With 2.0L turbo gasoline engine]	95	۵	- [With 2.0L turbo gasoline engine and without gateway]
11	*	- [With VR30 engine]	55	а	- [With VR30 engine]	95	ď	- [With 2.0L turbo gasoline engine and with gateway]
11	>	- [With 2.0L turbo gasoline engine]	26	BG	- [With VR30 engine]	96	Μ	1
12	8	- [With VR30 engine]	26	GR	- [With 2.0L turbo gasoline engine]	97	97	
12	BR	- [With 2.0L turbo gasoline engine]	57	GR.	- [With VR30 engine]	86	>	
13	GR		57	Ь	- [With 2.0L turbo gasoline engine]	66	BR	- [With VR30 engine]
13	SHIELD	- [With 2.0L turbo gasoline engine]	28	В		66	91	- [With 2.0L turbo gasoline engine]
14	В		59	SB		100	SHIELD	
15	BG	- [With 2.0L turbo gasoline engine]	61	W/B				
15	SB	- [With VR30 engine]	64	λ	-			
16	8	- [With VR30 engine]	9	Я	•	Connector No.	. No.	M118
16	BR	- [With 2.0L turbo gasoline engine]	99	Ь	- [Color of wire differs depending on production]	Connector Name	- Mamo	dayland thiodis
17	97		99	۸	- [Color of wire differs depending on production]		SIII BAI	
18	В	- [With VR30 engine]	- 67	FIG		Connector Type	- Type	M02FW-LC
18	W/B	- [With 2.0L turbo gasoline engine]	89	BG		4		
19	٨		69	1		E		
31	8		70	œ		V		
32	9	- [With 2.0L turbo gasoline engine]	71	>	- [With VR30 engine]	E S		-
32	>	- [With VR30 engine]	71	>	- [With 2.0L turbo gasoline engine]			֖֖֖֖֚֚֭֭֚֭֚֭֭֚֭֭֭֚֭֭֭֚֭֓֞֞֞֞֞֟֟֓
33	_	- [With VR30 engine]	72	1	- [With 2.0L turbo gasoline engine]			7
£	>	- IWith 2 01 turbo gasoline angine]	72	2	- (With VR30 engine)			
34			73	2	- [With VR30 engine]			
32	BG		73	>	- [With 2.0L turbo gasoline engine]	Terminal	Color Of	8
36	9		74	BR	- [With VR30 engine]	No.		Signal Name [Specification]
37	8	- [With VR30 engine]	74	1	- [With 2.0L turbo gasoline engine]		Μ	
37	_	- [With 2.0L turbo gasoline engine]	75		[With VR30 engine]	2	SB	•
38	_	- [With VR30 engine]	75	۵	- [With 2.0L turbo gasoline engine and without gateway]			
38	۵	- [With 2.0L turbo gasoline engine and without gateway]	75	œ	- [With 2.0L turbo gasoline engine and with gateway]			
38	α	- [With 2.0L turbo gasoline engine and with gateway]	26	W/B				

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Wiring Diagram (Passenger Side) INFOID:0000000012797199 Α #8613\* BSB В (2L): 2.0L Turbo gasoline engine LIFTING MOTOR (REAR) DOWN C P N SWITCH (REAR) UP P DOWN D Е DOWN BACKWARD FORWARD BACKWARD BACKWARD UP DOWN UP F dn nwod \*: This connector is not shown in "Harness Layout". G POWER SEAT SWITCH

(B614) SLIDING MOTOR (B615) FRONT POWER SEAT (PASSENGER SIDE) Н ♣ (♦ BACKWARD FORWARD SLIDING SWITCH SE RECLINING MOTOR MOTOR B616 Κ POWER SEAT FOR PASSENGER SIDE FORWARD | BACKWARD FORWARD | BACKWARD FORWARD L RECLINING SWITCH M 8613, 486 Ν 2015/11/27 0

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POWER		ļ	8	PARTY OF THE PARTY	,	ŀ	Parist of total	2	,	Contract Army
	Т	2 1	ű a	- [With 2 Of Turbo assoline and with ROSE system]	5 5	4 %	- [With VR30 engine and with BOSE system]	81	0 0	- [With 2 01 turbo ascoline praine]
Connector Name	ne WIRE TO WIRE	_	88	- [With VR30 engine and without BOSE system]	40			82	ی	- [With 2.0L turbo gasoline engine]
Connector Type	e NS16FW-CS	7	*	- [With VR30 engine and with BOSE system]	41	٦	,	82	SHIELD	- [With VR30 engine]
	1	7	>	- [With 2.0L turbo gasoline engine and without BOSE System]	42	œ	,	83	æ	- [With 2.0L turbo gasoline engine]
E		∞	В	- [With VR30 engine and with BOSE system]	43	SHIELD		83	W	- [With VR30 engine]
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	- 11	00	g	- [With 2.0L turbo gasoline engine]	44	а		84	BR	- [With VR30 engine]
Ċ.	33 47 43	œ	>-	- [With VR30 engine and without BOSE system]	45	8	- [With 2.0L turbo gasoline engine]	84	SHIELD	- [With 2.0L turbo gasoline engine]
	46 48 45	6	91	- [With 2.0L turbo gasoline engine]	45	9	- [With VR30 engine]	85	BG	- [With VR30 engine]
		6	SHIELD	- [With VR30 engine]	46	SHIELD		85	9	- [With 2.0L turbo gasoline engine]
		10	>		47	o		98	œ	- [With 2.0L turbo gasoline engine]
		11	GR.		48	BG		98	W	- [With VR30 engine]
Terminal Color Of		12	>		49	g		87	97	- [With VR30 engine]
No. W	Wire Signal Name (Specification)	13	æ		20	>		87	SHIELD	- [With 2.0L turbo gasoline engine]
33		14	BG		51	GR		88	97	
		15	BG	- [With 2.0L turbo gasoline engine]	52	×	- [With 2.0L turbo gasoline engine]	90	Ь	- [With 2.0L turbo gasoline engine]
H		15	æ	- [With VR30 engine]	52	>	- [With VR30 engine]	90	>	- [With VR30 engine]
46		16	>		23	œ		92	٦	- [With 2.0L turbo gasoline engine]
47 B	BR	17	۵		54	æ		92	W	- [With VR30 engine]
48		18	٦		55	٦		93	œ	- [With VR30 engine]
		19	~		26	>		93	SHIELD	- [With 2.0L turbo gasoline engine]
		50	æ		27	œ		94	~	
Connector No.	B62	21	~		28	97		95	-	- fWith 2.0L turbo gasoline engine]
	Leave Ch Leave	22	>		29	۵		95	>	- [With VR30 engine]
Connector Name		23	*		61	٦		96	œ	- [With 2.0L turbo gasoline engine]
Connector Type	e TH80FW-CS16-TM4	24	BG	- [With 2.0L turbo gasoline engine]	62	۵	- [With VR30 engine]	96	W	- [With VR30 engine]
		24	>	- [With VR30 engine]	62	>	- [With 2.0L turbo gasoline engine]	97	٦	- [With VR30 engine]
ß		25	1	- [With 2.0L turbo gasoline engine]	63	7		46	В	- [With 2.0L turbo gasoline engine and with BOSE system]
É	11 22 63 53 63 63 63 63 63 63 63 63 63 63 63 63 63	25	SB	- [With VR30 engine]	64	W		97	W	- [With 2.0L turbo gasoline engine and without BOSE system]
Ċ.	2 2 5	56	9	- [With VR30 engine]	99	97		86	LG	
		56	W	- [With 2.0L turbo gasoline engine]	89	٦		66	BR	- [With VR30 engine and with BOSE system]
		27	В		69	Ь		66	Р	- [With 2.0L turbo gasoline engine]
		59	91		7.1	GR	- [With 2.0L turbo gasoline engine]	66	γ	- [With VR30 engine and without BOSE system]
		30	ΡΠ	- [With 2.0L turbo gasoline engine]	7.1	В	- [With VR30 engine]	100	BR	- [With VR30 engine]
Terminal Color Of	or Of Signal Mamo [Specification]	30	۵	- [With VR30 engine]	72	9	- [With VR30 engine]	100	W	- [With 2.0L turbo gasoline engine]
No. W		31	SHIELD		72	٨	- [With 2.0L turbo gasoline engine]			
1 E	BR - [With 2.0L turbo gasoline engine and without BOSE System]	32	_		73	æ	- [With 2.0L turbo gasoline engine]			
1 L	LG - [With VR30 engine]	33	8	- [With VR30 engine]	73	SHIELD	- [With VR30 engine]			
1 /	W - [With 2.0L turbo gasoline engine and with BOSE system]	33	PI	- [With 2.0L turbo gasoline engine]	74	BG	- [With 2.0L turbo gasoline engine]			
2	L - [With VR30 engine]	34	SHIELD		74	٦	- [With VR30 engine]			
2 SH	SHIELD - [With 2.0L turbo gasoline engine]	35	ΡΠ	- [With VR30 engine]	75	GR	- [With 2.0L turbo gasoline engine]			
3 E	BR - [With 2.0L turbo gasoline engine]	35	Μ	- [With 2.0L turbo gasoline engine]	75	>	- [With VR30 engine]			
3	R - [With VR30 engine and with BOSE system]	36	В	- [With VR30 engine]	76	GR	- [With VR30 engine]			
3	- [With VR30	36	Μ	- [With 2.0L turbo gasoline engine]	9/	>	- [With 2.0L turbo gasoline engine]			
4 SHI	SHIELD - [With VR30 engine]	37	Ь	- [With 2.0L turbo gasoline engine and without BOSE system]	77	Ь				
4	Y - [With 2.0L turbo gasoline engine]	37	æ	- [With VR30 engine]	78	٦				
2	G - [With VR30 engine]	37	Μ	- [With 2.0L turbo gasoline engine and with BOSE system]	79	Я				
2	V - [With 2.0L turbo gasoline engine]	38	^		80	GR	- [With 2.0L turbo gasoline engine]			
4	- fWith VR30 opgine)	95	٩	- (With VB3) apgine and without BOSE system)	08	W	- IWith WB30 engine			

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### **POWER SEAT CONTROL SYSTEM**

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**SE-29** 2016 Q50 Revision: November 2016

- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With DCM]	- [Without DCM]				•			- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2 OI turbo gasoline engine]			- [With VR30 engine]	- [With 2.0L turbo gasoline engine]		. come proved	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- fWith VB30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]		- [With VR30 engine and without BOSE system]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine and with BOSE system]		1				- [With 2.0L turbo gasoline engine]	- [With VR30 engine]		•	- [Except with VR30 engine and with BOSE system]	- [With VK30 engine and with BOSE system]	
BR	Ь	SB	>	>-	_ (	, E	ď	>	٦	BG	>	-	SB	ງ ≥		97	SB	×	SHIELD	_ ,	8	SHEID	16	*	æ	>	≃ ;	> >	. 4	R	>	9	_	۳	SHIELD	۵	8	9	SHIELD	9	BG	¥ e	9 >
15	15	16	16	17	18	50	21	22	23	24	24	25	25	97 26	27	29	30	30	31	32	33	34	3,5	32	36	36	37	à 88	39	39	39	40	41	45	43	44	45	45	46	47	48	84 04	50 49
RR, RL DOOR UNLK OUTPUT	GND	FRONT DOOR, FL LID LK OUTPUT	INT ROOM LAMP CONT	FRONT DOOR, FL LID UNLK OUTPUT	REAR DOORS ACT PWR SPLY [With VR30 engine]	BAT (F/L)	IGN ON	PWR SPLY (BAT)	FRONT DOORS, FL LID ACT PWR SPLY	GND			M22	WIRE TO WIRE	TH80MW-CS16-TM4				S 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8					Signal Name [Specification]		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [with Z.Ot turbo gasonine engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]			
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133	134	135	136	137	138	139	140	141	142	143			Connector No.	Connector Name	Connector Type		F	AR	2				Termina	ó	1	2	2	n m	4	4	2	2	9	9	7	7	8	8	6	6	9	11 52	13 12
. 9	Α	- [With 2.0L turbo gasoline engine and with ADAS]	а	+	SB	╀	^	BR - [With 2.0L turbo gasoline engine]	R - [With VR30 engine]	+	7	+	9]	GR - [With 2 OI turbo gasoline engine]	o	. B6	GR	L - [With	. BG	۵.	+	w G	╁	LG - [With 2.0L turbo gasoline engine]	P - [With VR30 engine]	SHIELD .		Connector No. M17	,		Connector Type FEA09FW-FHA6-SA			Day box box box box box box box	13/136 133 134 133 134 131 131	143 142 141 140 139 138				ס	Wire	B DASS DOOD IN IN COURTE	<u> </u>
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- [With 2.0L turbo gasoline engine and without gateway	- (With 2.0L turbo gasoline engine and with gateway)	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]			- [With 2.0L turbo gasoline engine]		- [With VR30 engine]	- [With 2.0L turbo gasoline eng		1		- [With VR30 engine]	- [with 2.UL turbo gasoline er	i		- [With VR30 engine]	- [With 2.0L turbo gasoline	- [With 2.0L turbo gasoline	- [With VR30 engine	- [With 2.0L turbo gasoline	- [With VR30 engine]	- IWith 2 Of turbo gasoline	- [Color of wire differs depending on	- (Color of wire differs depending on			- IColor of wire differs depending on	- [Color of wire differs depending on				1		- [With 2.0L turbo gasoline el	- [With VR30 engine]	- [With 2.0L turbo gasoline er	- [With VR30 engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline e		- [With 2.0L turbo gasoline and a	<ul> <li>- [With 2.0L turbo gasoline engine and with gateway]</li> <li>- [With 2.0L turbo gasoline engine and with gateway]</li> </ul>
T	R - (With 2.0L turbo gasoline engine and with ga	BR - (With 2.0L turbo gasoline engi		SB	. 91			B - [With VR30 engine]	Y - [With 2.0L turbo gasoline eng	. 9	SHIELD		- [With VR30 engine	- [with 2:0L turbo gasoline er	<b>*</b>			4	+	+	- [With	SB - [With VR30 eng	- fwith	t	B/W - [Color of wire differs depending		cc 3	BR - Color of wire differs depending or	t	- GR	- 91		- 1			LG - [With VR30 engine]	L - [With 2.0L turbo gasoline er	V - [With VR30 engine]	G - [With VR30 engine]	- [With 2.0L turbo gasoline		L - [With 2.0L turbo gasoline	$^{+}$

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52   L   - (With 2.0L turbo gasoline engi	- [With 2.0L turbo gasoline engine]	06	>	- [With VR30 engine]	15	SB	- [With VR30 engine]	64	>	
<b>&gt;</b>	- [With VR30 engine]	92	٦	- [With 2.0L turbo gasoline engine]	16	В	- [With VR30 engine]	9	ď	
R		95	^	- [With VR30 engine]	16	BR	- [With 2.0L turbo gasoline engine]	99	Ь	- [Color of wire differs depending on production]
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1		93	SHELD	- [With 2.0L turbo gasoline engine]	18	9	- [With VR30 engine]	67	9	
۵ ۵		24 8	× -	- IMith 3 Of the position	81 2	M/B	- [With 2.0L turbo gasoline engine]	89 89	Sg -	
2 2		S a	۰ ,	[with 2.01 turing Sasoning engine]	3 2	. ,		S	، ا	
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_ ,		96 [	> .	- [With VR30 engine]	32	> -	- [With VR30 engine]	17	≥ .	- [With 2.0L turbo gasoline engine]
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> -	- [with VR30 engine]	96	× 5	- [With 2.UL turbo gasoline engine]	33		- [With 2.0L turbo gasoline engine]	7/ 5	9 -	- [with VK30 engine]
		86 6	¥ 8	The state of the s	34			5 5	٤ ۽	- [with vksu engine]
8		ß ;	ž,	- [with VK30 engine and with BOSE system]	ę į	2		2	s :	- [with 2.0L turbo gasoline engine]
× -		66 o	۰ >	- [With 2.0L turbo gasoline engine] - IM/ith VR30 engine and without BOSE evetem]	36	9 a	[origina] -	74	¥ -	- [With 2 OI turbo assoline engine]
,		1001	. 8	- [With V830 engine]	37	, _	- [With 2:0] turbo gasoline engine]	. 2		- [With VR30 engine]
GR	- [With 2.0L turbo gasoline engine]	100	>	- [With 2.0L turbo gasoline engine]	800		- (With VR30 engine)	75	۵	- [With 2.0L turbo gasoline engine and without gateway]
~	- [With VR30 engine]				38	۵	- [With 2.0L turbo gasoline engine and without gateway]	75	~	- [With 2.0L turbo gasoline engine and with gateway]
9	- [With VR30 engine]				38	ď	- [With 2.0L turbo gasoline engine and with gateway]	9/	M/B	
>	- [With 2.0L turbo gasoline engine]	Connector No.	or No.	M40	39	×	- [With 2.0L turbo gasoline engine]	7.7	SB	
91	- [With 2.0L turbo gasoline engine]	3	Constant Plans	MIDE TO MIDE	39	>	- [With VR30 engine]	78	g	- [With VR30 engine]
SHIELD	- [With VR30 engine]			AIIVE IO MINE	40	GR		78	91	- [With 2.0L turbo gasoline engine]
J	- [With VR30 engine]	Connect	Connector Type	TH80MW-CS16-TM4	41	٦		79	R	•
2	- [With 2.0L turbo gasoline engine]	ą	_		44	BR		80	ŋ	
Ь		B		9	45	_	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	81	æ	
SB	- [With 2.0L turbo gasoline engine]	) I		1 (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	45	×	- [With VR30 engine]	82	91	
> :	- [With VR30 engine]	¥		2	46	<u>.</u>	- [With VR30 engine]	88	BR .	- [With 2.0L turbo gasoline engine]
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, 8	- IMith 2 01 turbo assoline angine				48	CHIELD	[Supplies Contained]	87	ی .	
3		Terminal	al Color Of	3	49	8	- [With VR30 engine]	88	>	
8	- [With VR30 engine]	No.	Wire	Signal Name [Specification]	49	g	- [With 2.0L turbo gasoline engine]	90	9	- [With VR30 engine]
œ	- [With 2.0L turbo gasoline engine]	T	BG		20	В	- [With 2.0L turbo gasoline engine]	96	>	- [With 2.0L turbo gasoline engine]
9	- [With 2.0L turbo gasoline engine]	9	W/B		20	BR	- [With VR30 engine]	91	W	•
SHIELD	- [With VR30 engine]	7	>		51	1		95	9	
Я	- [With 2.0L turbo gasoline engine]	80	BG	- [With VR30 engine]	52	Μ	-	93	BR	
^	- [With VR30 engine]	00	BR	- [With 2.0L turbo gasoline engine]	23	9		94	GR	- [With VR30 engine]
BR	- [With VR30 engine]	6	97	- [With VR30 engine]	24	SB	- [With 2.0L turbo gasoline engine]	94	٦	- [With 2.0L turbo gasoline engine]
SHIELD	- [With 2.0L turbo gasoline engine]	6	Ь	- [With 2.0L turbo gasoline engine]	54	*	- [With VR30 engine]	95	BR	- [With VR30 engine]
BR	- [With VR30 engine]	10	Μ		25	8	- [With 2.0L turbo gasoline engine]	95	Ь	- [With 2.0L turbo gasoline engine and without gateway]
9	- [With 2.0L turbo gasoline engine]	11	W	- [With VR30 engine]	22	Ь	- [With VR30 engine]	95	ď	- [With 2.0L turbo gasoline engine and with gateway]
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^	- [With VR30 engine]	12	8	- [With VR30 engine]	26	GR	- [With 2.0L turbo gasoline engine]	6	97	
9	- [With VR30 engine]	12	BR	- [With 2.0L turbo gasoline engine]	57	g	- [With VR30 engine]	86	>	
SHIELD	- [With 2.0L turbo gasoline engine]	13	GR		57	Ь	- [With 2.0L turbo gasoline engine]	66	BR	- [With VR30 engine]
æ	- [With VR30 engine]	13	SHIELD	- [With 2.0L turbo gasoline engine]	28	В		66	91	- [With 2.0L turbo gasoline engine]
9	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	14	8		29	SB		100	SHIELD	
SB	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	15	BG	- [With 2.0L turbo gasoline engine]	61	W/B				

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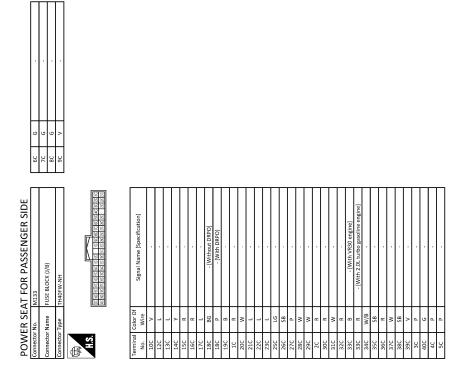
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# < WIRING DIAGRAM > **LUMBAR SUPPORT SYSTEM** Α Wiring Diagram INFOID:0000000012797200 В $\langle 2L \rangle$ : 2.0L Turbo gasoline engine $\langle VR \rangle$ : With VR engine С D Е LUMBAR SUPPORT MOTOR (B609) F FRONT SEAT (DRIVER SIDE) G LUMBAR SUPPORT SWITCH (B608) BACKWARD Н FORWARD 43 B600\* #104 #104 SE Κ L $\mathbb{N}$ Ν **LUMBAR SUPPORT**

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2015/11/27

2016 Q50

JRJWD4249GB

**SE-33** Revision: November 2016

### **LUMBAR SUPPORT SYSTEM**

Connector No.	812	Terminal	Color Of	[no]sealifaceS] ome N  emis	54	Ж		Connector No.	8600
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Connector Type	NS16FW-CS	2	9		28	>		Connector Type	NS16MW-CS
		æ	_		59	GR		[	
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>	Wire Signal Name [Specification]	13	SR.		72	8		No. Wire	Signal Name [Specification]
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Ľ	. 91	15	_		74	_	•	2 -	
Ĺ	٠,	16	>		75	~	- [Without paddle shift]		
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Ĺ		19	BR		9/	BR			
Ĺ	P - [Without Gateway]	20	۸		77	8		17 -	
Ĺ	R - [With Gateway]	22	æ		78	SB		21 -	
Ľ	BG .	23	۸		79	>	- [With VR30 engine]	- 22	
3	BR -	24	В	- [With 2.0L turbo gasoline engine]	79	W	- [With 2.0L turbo gasoline engine]	23 -	
ш	BG .	24	>	- [With VR30 engine]	81	В	-	- 28	
		25	Ь	- [With 2.0L turbo gasoline engine and without gateway]	82	Я		33	
		25	^	- [With 2.0L turbo gasoline engine and with gateway]	83	BG		43	
		25	W	- [With VR30 engine]	84	٦		45 -	-
	. 9	26	9		82	Я	- [Without paddle shift]	46 -	
ш	BG -	27	œ		82	>	- [With paddle shift]	47	
		28	ч		98	8		48	
	GR -	31	В	- [With VR30 engine]	88	9			
		31	BR	- [With 2.0L turbo gasoline engine]	88	>	- [With 2.0L turbo gasoline engine]		
		32	8		88	>	- [With VR30 engine]	Connector No.	B608
Connector No.	818	33	В		91	æ		Connector Name	LUMBAR SUPPORT SWITCH
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	П	32	۵		96	>		Connector Type	NS04FW-CS
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		37	SB		86	æ	- [With VR30 engine and with BOSE system]	彦	
		38	PP		86	>	<ul> <li>[Except with VR30 engine and with BOSE system]</li> </ul>	۳	
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	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]					- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	•				- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	•			- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine and without gateway]	- [With 2.0L turbo gasoline engine and with gateway]	-			- [With VR30 engine]	- [with 2.0t turbo gasonine engine]			M118	CIRCUIT BREAKER	M02FW-LC				-	721	]			Signal Name (Specification)	Olgiai ivanie Įspecinsausių			
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- [With 2.0L turbo gasoline engine]	- [With VR30 engine]		·		- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	,		,	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	.   .				- [Color of wire differs depending on production]	in Simuladan siamin ama io iologi.			•	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	<ul> <li>[With 2.0L turbo gasoline engine and without gateway]</li> </ul>
R	٨	R	٦	BR	_	Α	9	٨	BG	В	SHIELD	8	9	В	BR	_	۸	g	SB	٨	В	۵	BG	æ	æ	a. «	9	W/B	>	æ	د ه	. 9	BG	7	Я	>	*	_	91	æ	>	BR	_	8	Ь
39	39	40	41	44	45	45	46	.0	7			اہا		ш	_	Ι.	١	ı		١. ا		ا		ا ؞	. ا	۰	9 2	L	-			٦,		_	ارا	L.I		- 1	ا ِ	إ		Ш	ا ــ ا	75	
		L	<u> </u>	L	4	4	4	46	47	47	48	45	49	20	20	51	52	53	24	54	22	55	99	26	57	58	1	61	64	65	99	67	89	69	70	7.1	71	72	72	73	73	74	74		75
M40	30/W OT 30/W	WIRE 10 WIRE	TH80MW-CS16-TM4		ſ	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 7 100 000 000 000 000 000 000 000 000 0		100	1	48	Signal Name (Specification) 45		05	05		- [With VR30 engine] 52	- [With 2.0L turbo gasoline engine] 53	- [With VR30 engine] 54	- [With 2.0L turbo gasoline engine] 54	- 28	 	engine]	⊥ T	engine]	- [With VR30 engine] 5.	1 T	ingine]			- [With 2.0L turbo gasoline engine] 66	- [With VR30 engine]	ingine]			engine]		 	- [With 2.0L turbo gasoline engine] 72	- 75	- 73		П	engine]	- [With VR30 engine] 75
tor No. M40			Г		ſ	8 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			100	1		Color Of Signal Name (Specification)			. 8/w							 		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	<u>Т</u>	[with 2.0t tubo gasonine engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]		- [With VR30 engine]	B - [With 2.0L turbo gasoline engine]	39 ·				 			. 73		П		
Connector No. M40	Samuel American		Connector Type TH80MW-CS16-TM4		ſ				100	1		Signal Name (Specification)	orginal varie [openication]			7 V 7	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]		W - [With VR30 engine]	Y - [With 2.0L turbo gasoline engine]	B - [With VR30 engine]	BR - [With 2.0L turbo gasoline engine]	- [With VR30 engine]	STIELD [WILL Z.OL LUIDO BASOILIE EUBINE]	BG - [With 2.0L turbo gasoline engine]	SB - [With VR30 engine]	B - [With VR30 engine]	- [With 2.0L turbo gasoline engine]	B - (With VR30 engine)	W/B - [With 2.0L turbo gasoline engine]	19 Y V 19		- [With 2.0L turbo gasoline engine]	V - [With VR30 engine]	L - [With VR30 engine]	Y - [With 2.0L turbo gasoline engine]			. 9	B - [With VR30 engine]	L - [With 2.0L turbo gasoline engine]	
			Г						100	1		Color Of Signal Name (Specification)	Wire Ugranie Checinearony		. W/B	7 V 51	BG - [With VR30 engine]	BR - [With 2.0L turbo gasoline engine]	LG - [With VR30 engine]	P - [With 2.0L turbo gasoline engine]		W - [With VR30 engine]	Y - [With 2.0L turbo gasoline engine]	B - [With VR30 engine]	BR - [With 2.0L turbo gasoline engine]	GR - [With VR30 engine] SHELD - With 2 Of turbo gasoline engine]	STIELD (WILL 2.0L turbo gasonine engine)	BG - [With 2.0L turbo gasoline engine]	SB - [With VR30 engine]	16 B - [With VR30 engine]	BR - [With 2.0L turbo gasoline engine]	T. CO [With VR30 engine]	W/B - [With 2.0L turbo gasoline engine]	, , , , , , , , , , , , , , , , , , ,		G - [With 2.0L turbo gasoline engine]	V - [With VR30 engine]	33 L - [With VR30 engine]	ingine] 33 Y - [With 2.0L turbo gasoline engine]			. 9	B - [With VR30 engine]	37 L - [With 2.0L turbo gasoline engine]	38 L - [With VR30 engine]
		- Connector Name	Г			8 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			100	1		Color Of Signal Name (Specification)	Wire Ugranie Checinearony		. W/B	BG V 7	BG - [With VR30 engine]	BR - [With 2.0L turbo gasoline engine]	9 LG [With VR30 engine]	P - [With 2.0L turbo gasoline engine]		[With VR30 engine]	- [With 2.0L turbo gasoline engine]	[With VR30 engine]	12 BR - [With 2.0L turbo gasoline engine]	GR - [With VR30 engine] SHELD - With 2 Of turbo gasoline engine]	STIELD (WILL 2.0L turbo gasonine engine)	15 BG - [With 2.0L turbo gasoline engine]	SB - [With VR30 engine]	16 B - [With VR30 engine]	16 BR - [With 2.0L turbo gasoline engine]	- Iwiti 2.5. tubo Basonire engine) 1. LO . (With VR3) engine]	18 W/B (With 2.0L turbo gasoline engine)	, , , , , , , , , , , , , , , , , , ,		G - [With 2.0L turbo gasoline engine]	32 V - [With VR30 engine]	33 L - [With VR30 engine]	- [With 2.0L turbo gasoline engine] 33 Y - [With 2.0L turbo gasoline engine]	- [With VR30 engine] 34 P -	35 86 .	36 6	[With VR30 engine]	[With 2.0L turbo gasoline engine]	L - [With VR30 engine]

JRJWD4871GB

# < WIRING DIAGRAM > SIDE SUPPORT SYSTEM Α Wiring Diagram INFOID:0000000012797201 В $\langle 2L \rangle$ : 2.0L Turbo gasoline engine $\langle VR \rangle$ : With VR engine С D Е \*: This connector is not shown in "Harness Layout". FRONT SEAT (DRIVER SIDE) F G BACK SIDE SUPPORT ASSEMBLY 33 (B610) SEAT BACK SIDE DEFLATE SOLENOID Н SEAT BACK SIDE INFLATE SOLENOID 33 B12 8600\* M19 B18 SE 43 B12 B12 Κ SIDE SUPPORT SWITCH (B611) INFLATE PDEFLATE SEAT BACK SIDE

SIDE SUPPORT

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2015/11/27

## SIDE SUPPORT SYSTEM

B600	WIRE TO WIRE		NS16MW-CS			ŀ	17 1 43	46 48 47 6 45 22 33 7 23					e signal value (specification)																			B610	BACK SIDE SUPPORT ASSEMBLY	NS06FW-CS	1			55	33 43				Of Signal Name (Specification)				
Connector No.	Connector Name	and the same	Connector Type	[	E	Ę	ý. E					Terminal Color Of	No. Wire	1 .	2 -	2	9		17 -	21 -	22 -	23 -	- 28	33 -	43	45 -	- 46	47 -	48			Connector No.	Connector Name	Connector Type		Œ		Ą.					al	No. Wire	33	43 -	54
	,										,	-			4	- [Without paddle shift]	- [With paddle shift]				- [With VR30 engine]	- [With 2.0L turbo gasoline engine]					- [Without paddle shift]	- [With paddle shift]			engine]	- [With VR30 engine] Co	3				I					•	<u> </u>				
œ	æ	Μ	۸	GR	g	9	BG	BR	>	œ	~	8	В	Μ	7	В	>	BR	ю	SB	>	×	m	æ	BG	٦	æ	>	89	G	>	>	5 8	5 >	>	BR	>										
54	55	57	28	29	09	61	62	63	49	99	70	7.1	72	73	74	72	75	76	11	78	79	79	81	82	83	84	82	82	98	88	8	68	1.6	96	97	86	86										
Signal Name [Specification]																						- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine and without gateway]	- [With 2.0L turbo gasoline engine and with gateway]	- [With VR30 engine]				- [With VR30 engine]	- [With 2.0L turbo gasoline engine]										•						
)	Wire	>	9	1	91	>	œ	۸	9	BG	98	91	GR	×	7	۸	×	BR	*	œ	>	~	>	Ь	>	W	9	~	~	8	æ	œ .	2 2	2 4	≥	SB	91	۵	SB	BR	BG	BG	ď	≥	SB	>	2
Terminal	No.	1	7	e	4	S	9	7	∞	10	11	12	13	14	15	16	18	19	20	22	23	24	24	25	52	25	56	27	28	31	31	32	33	32	36	37	38	40	41	42	43	44	46	20	51	25	č
812	WIRE TO WIRE		NS16FW-CS			ŀ	28 21 5 2 7 43 1 17	23 7 33 22 45 6 47 48 46					orginal ivaline (operation						- [Without Gateway]	- [With Gateway]													Т	e WIRE TO WIRE	TH80FW-CS16-TM4			10 10 10 10 10 10 10 10 10 10 10 10 10 1									
Connector No.	Connector Name		Connector Type		_	Į	Ų.					Ferminal Color Of	No. Wire	1 1	2 LG	5 P	^	7 P	17 P	17 R	Ľ	22 BR	L	28 R	33	43 B			+	48 GR			Connector No.	Connector Name	Connector Type		_	Ţ	νį								
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Signal Name   Specification   Signal Name   Signal Name   Specification   Signal Name   Specif	- (With 2.01 turbo gasoline engine) - (With W30 engine) - (With 2.01 turbo gasoline engine) - (With 2.01 turbo gasoline engine) - (With 2.01 turbo gasoline engine) - (With W30 engine)	58 B/W 59 W 61 R	- [Color of wire differs depending on production		000
Signal Name (Specification)   Sign	TWIT CAS Graphic engine]  - [With WB3 dengine]  - [With WB3 dengine]  - [With WB3 dengine]  - [With WB3 dengine]  - [With WB Coll turbo gasoline engine]  - [With 201 turbo gasoline engine]  - [With 201 turbo gasoline engine]  - [With WB3 dengine]  - [With WB4 dengine]	H		100	- [with washengine]
Signal Name (Specification)   Sign	- (With 2.01 turbs assoline engine) - (With 7.01 turbs gasoline engine) - (With With W30 engine) - (With 2.01 turbs gasoline engine) - (With W30 engine) - (With W40 engine) - (With W40 engine)	+			ELU :
Signal Name (Specification)   Sign	- (With VR30 engine) - (With VR30 engine) - (With 2.01 turbo gasoline engine) - (With 2.01 turbo gasoline engine) - (With 2.01 turbo gasoline engine) - (With VR30 engine)	64 √		ı	
17   68   18   19   19   19   19   19   19   1	With VR30 engine  - [With 2.01 turbo gasoline engine  - [With VR30 engine  - [With WR30 engine  - [With WR30 engine  - [With WR30 engine	H	- [Color of wire differs depending on production	) Connector No.	M19
17    GR     18	With 2.01 turbo gasoline engine   - With 2.01 turbo gasoline engine   - With X.30 turbo gasoline engine   - With X.30 turbo gasoline engine   - With X.30 engine   - With W.30 engine   - With W.30 engine   - With W.30 engine	L	- [Color of wire differs depending on production		Г
18   G     19   V     10   V     10   V     10   V     10   V     10   V     11   V     12   V     13   V     14   V     15   V     15   V     16   V     17   V     18   V     19   V	With 201 turbo gasoline engine] - With A201 turbo gasoline engine] - With X201 turbo gasoline engine] - With W30 engine] - With W30 engine] - With W30 engine] - With W30 engine]	H		Connector Name	ne WIRE TO WIRE
18   P   P     19   V     11   V     11   V     12   Signal Name (Specification)     12   V     13   C     14   C     15   C     15   C     16   C     17   C     18   C     18   C     18   C     18   C     18   C     18   C     19   V     10   C     10   C     10   C     10   C     10   C     11   C     12   C     13   C     14   C     15   C     15   C     16   C     17   C     18   C     19   C     10   C     10   C     10   C     11   C     12   C     13   C     14   C     15   C     15   C     16   C     17   C     18   C     18   C     19   C     10   C     10   C     10   C     11   C     12   C     13   C     14   C     15   C     15   C     16   C     17   C     18   C     18   C     19   C     10   C     10   C     10   C     11   C     11   C     12   C     13   C     14   C     15   C     15   C     16   C     17   C     18   C     18   C     19   C     10   C     10   C     10   C     11   C     12   C     13   C     14   C     15   C     15   C     16   C     17   C     18   C     18   C     18   C     19   C     10   C     10   C     10   C     11   C     11   C     12   C     13   C     14   C     15   C     15   C     15   C     16   C     17   C     18   C     1	- [With VR30 engine] - [With 2.01 turb o saciline engine] - [With VR30 engine] - [With VR30 engine] - [With VR30 engine] - [With VR30 engine]	H		Connector Type	e TH80MW-CS16-TM4
Signal Name (Specification)   Sign	[With 2.01 turbo gasoline engine] - [With 2.01 turbo gasoline engine] - [With W330 engine] - [With W330 engine] - [With W330 engine]	ŀ			1
13   14   15   15   15   15   15   15   15	- IWith 2.0L turbo gasoline engine] - [With VR30 engine] - [With X.0L turbo gasoline engine] - [With VR30 engine] - [With VR30 engine]	+		Q	
1   1   1   1   1   1   1   1   1   1	- (With 2.0) Lurbo gasoline engine] - (With VR30 engine] - (With UR30 engine] - (With VR30 engine] - (With VR30 engine]	1 69			
Signal Name (Specification)   34   7   7   7   7   7   7   7   7   7	- [With VR30 engine] - [With 2.0L turbo gasoline engine] - [With VR30 engine] - [With VR30 engine]	70 R			
Signal Name (Specification)   31   C   C	- [With 2.0L turbo gasoline engine] - [With VR30 engine] - [With VR30 engine]	ł	[:	2	
Signal Name (Specification)   32 GR   33 L   4	- [With 2.0L turbo gasoline engine] - [With VR30 engine] - [With VR30 engine]	7.1	- [With 2.0L turbo gasoline engine]		
Signal Name (Specification)   33 CR   33 CR   34 CR   35 CR	- [With VR30 engine] - [With VR30 engine]	7.1	- [With VR30 engine]		92
Signal Name (Specification)   33	- [With VR30 engine] - [With VR30 engine]	ł	Datish 2 Of states good and or	1	
Signal Name (Specification)   33	- [With VR30 engine]	7 7/	- [WILL 2.0L tul DU gasolille eligille]	1	10
Signal Name (Specification)   33   Y   P		72 V	- [With VR30 engine]		
Signal Name (Specification)   34   P   P     125	Dariete 2 Or trushe according consised	ł	Davish Mondo	1	
10   10   10   10   10   10   10   10	- [with 2.0t turbo gasonine engine]	+	faulgira neus inissi -	 	
1		73 W	- [With 2.0L turbo gasoline engine]	Terminal	Color Of Cianal Manage (Capadilantian)
1780 PW   1780		7.4 BR	- [With VR30 engine]	Š	Wire Signal Name [Specification]
Part		╀	Carried and the control of	-  -	
173   174   175		+	[with 2.0c turbo gasonine erigine]	1	
WIRE TO WIRE   WIRE WIRE WIRE WIRE WIRE WIRE WIRE WIRE	- [with 2.0L turbo gasoline engine]	+	- [with 2.0t turbo gasoline engine and without gateway		9
WIRE TO WIRE T	- [With VR30 engine]	75 R	- [With 2.0L turbo gasoline engine and with gatewa-	3	SB -
FLSS	- [With VR30 engine]	75 V	- [With VR30 engine]	4	- · · · · · · · · · · · · · · · · · · ·
WIRE TO WIRE	2.0L turbo gasoline engine and without gateway]	9/		5	٠ .
WRE TO WIRE 39  TH80PW-XS16-TM4 40  41  41  42  43  44  45  44  46  46  47  48  48  48	h 2 fil turbo ascoline engine and with asteway!	^		۳	
77ppe   TH80FW.CS16-TM4   39   40   41   44   44   44   44   44   44	Datist 2 Of Arribe		Control of the contro		-
1   1   1   1   1   1   1   1   1   1	- [אוונון 7:01 נמנסס מקאסוווה בנומווה]	1	- [with 2.01 to bold south e engine and with ADA	1	
S	- [With VR30 engine]	4 8/	- [With VK30 engine]	_  	· ·
41 44 44 44 44 44 44 44 44 44 44 44 44 4	-	78 V	- [With 2.0L turbo gasoline engine and without ADAS	10	BG -
S		79 SB		11	
Color Of Signal Name (Specification)		80		12	- 51
Color Of Signal Name Specification	DAGAS Of turks associate continual	ł		-	9
Color Of Signal Name Specification	[with 2.00 to book gasonine engine]	+		;  	-
Color Of Signal Name Specification 48	- [With VR30 engine]	+		14	
Color Of Signal Name (Specification)	- [With VR30 engine]	83 BR	- [With 2.0L turbo gasoline engine]	15	
Color Of Signal Name [Specification] 48	Mith 2 Of turbo associate aparine	63	[Mith VR30 opgina]	4	
Color Of Signal Name [Specification] 48	[with 2:01 tallog gasoniic cirginal	$^{+}$	familia ocua intal	3	
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signal Name [Specification]		98 BG		19	BR -
		ŀ		20	- "
	ľ	5 8			
. SG	- [With VR30 engine]	+		75	. as
6 V 50 GR	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	9 06	- [With VR30 engine]	23	
5		L	- DWith 2 Of turbo gasoline engine	24	R DWith 2 OI turbo gasoline engine
CO (4694)		╀			<u> </u>
BG - [With VR30 engine]		91	,	74	Y - [With VK30 engine]
8 BR - [With 2.0L turbo gasoline engine] 53 V		93 86		25	
B - (Mith 2 Al turbo assolipe apaipel	- Mith WR30 opging	ŀ	- [Mith VR30 opgine]		P - [With 2.0L turbo gasoline engin
to family or raino gasonine engine)	familiaro cultural	+	[with vice crights]	35	- [With
GR - [With VK30 engine] [Color of wire differs depending on production]	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	·		25	
9 LG -(With VR30 engine) (Color of wire differs depending on production) 55 B	Decision of the second or annual contraction	94	- [With 2.0L turbo gasoline engine]	25	
8	- IWITH ZOT TOLDS BASON BE ENGINE	+	- [With 2.0L turbo gasoline engine] - [With VR30 engine]	25 26 27 27	
cc · · · · · · · ·	- [with 2.0t turbo gasoline engine]	$\mathbb{H}$	- [With 2.0L turbo gasoline engine] - [With VR30 engine]		
	- [with 2.0L turbo gasoline engine] - [With VR30 engine]	$^{\rm H}$	- [With 2.0L turbo gasoline engine] - [With VR30 engine] - [With 2.0L turbo gasoline engine and without gateway		
95	- [With Z.OL turbo gasoline engine] - [With VR30 engine] - [With 2.OL turbo gasoline engine]	+++	- [With 2.0L turbo gasoline engine]     - [With VR30 engine]     - [With 2.0L turbo gasoline engine and without gatew     - [With 2.0L turbo gasoline engine and with satew		
999	- [with VR30 engine] - [With VR30 engine] - [With 2.0L turbo gasoline engine]	++++	- [With 2.0L turbo gasoline engine] - [With VR30 engine] - [With 2.0L turbo gasoline engine and without gatewa - [With 2.0L turbo gasoline engine and with gatewa		
GR - [With VR30 engine] 56	- [with Z.oL turbo gasoline engine] - [with VR30 engine] - [With Z.oL turbo gasoline engine] - [With VR30 engine]	++++	- [With 2.0! turbo gasoline engine] - [With 70! turbo gasoline engine and without gaten - [With 2.0! turbo gasoline engine and with gaten - [With 2.0! turbo gasoline engine and with gaten		
GR - [With VR30 engine] 5.6 P - [With 2.0] urtho assoline engine] 5.7	- Iwint 2.01 tuffo gasoline engine] - [With A30 engine] - [With A30 engine] - [With VR30 engine] - [With VR30 engine]	++++	- [With 2.01 turbo gasoline engine] - [With 2.04 turbo gasoline engine and without gatew - [With 2.01 turbo gasoline engine and with gatew		
CR -   With VR30 engine   S6 BG   S6 S8   S7 BG   S7	- (With VR30 engine) - (With 2.0t urbo gasoline engine) - (With 2.0t urbo gasoline engine) - (With VR30 engine)	+++++	- [With 2.01, turbo gasoline engine] - [With 7.01, turbo gasoline engine and without gaten - [With 2.01, turbo gasoline engine and with gatew		
1   56   85   85   85   85   85   85   85	- I WINT CAL LUDO & SAGNIFIC REGISTRE   - I WINT A ZOL LUTDO gasoline engine] - I WINT A ZOL LUTDO gasoline engine] - I WINT VR3O engine] - I WINT VR3O engine] - I WINT LUDO LUTDO gasoline engine]		With 2.01 turbo gasoline engine		

Revision: November 2016 **SE-39** 2016 Q50

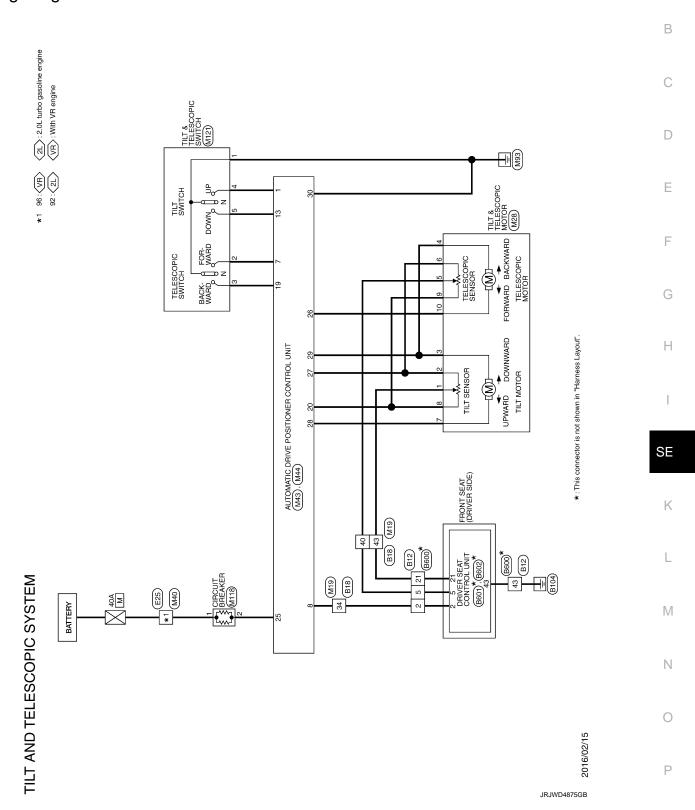
	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]				. DMith 2 Of trutho associas appaired	- [With VR30 engine]	-				- [With VR30 engine]	- [With 2.0L turbo gasoline engine]		,		- [With VR30 engine]	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]	- [With 2.0L turbo gasoline engine and without gateway]	- [With 2.0L turbo gasoline engine and with gateway]			- [With VB3() engine]	- [With 2.0L turbo gasoline engine]			M118		CIRCUII BREAKEK	M02FW-LC				-	7 2				Signal Name [Specification]					
7 SB	8 G	8 LG	$\dashv$	1	-	2 88	+	╀	^ 9	7 G	۸ 6	$\dashv$		1 W		$\dashv$	4 GR	-	+	-	+	+	7 × ×	. BR	╈	100 SHIELD		Connector No.	l	connector Name	Connector Type		_	Ž.	ū					la l	>	+	SB		
- [With 2.0L turbo gasoline engine]	- [With VR30 engine] 78	- 78			- [With 2.0L turbo gasoline engine] 81	I	enginel	 	I	- 87			engine]	- [With VR30 engine] 91	- 92	- 93		engine]	 	engine]		1 1	- [With 2.0L turbo gasoline engine] 97	lanian	I	- 10		Cong	- [Color of wire differs depending on production]		- Conn	- (é	<b>多</b>		<b>.</b>	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	1	- ugine]	- [With VR30 engine] No.	angine]	- [With VR30 engine] 2	- [With 2.0L turbo gasoline engine and without gateway]	- [With 2.0L turbo gasoline engine and with gateway]
В	٨	40 GR	$\dashv$	BR	+	W 50	>	. Bg	œ	48 SHIELD	8	ŋ	8	50 BR	-	52 W	9	SB	>	В	+	Se se	56 GR -IN	<u> </u>	. 89	Н	1	64 Y	. a	>	Н	68 BG	T 69	4	>	*		+	œ	>	BR	-	В	۵	75 R - [With 2.
M40	WIRE TO WIRE	WIRE TO WIRE	TH80MW-CS16-TM4		(2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	8 C				f Signal Name (Specification)	ogna ivalie [openication]				- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With 70] - [With 20]	- [With VR30 engine]	- [With		- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]			- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]				- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine and without gateway]
Connector No.	Connector Name	onnector Name	Connector Type	6		H.S.					Ferminal Color Of	No. Wire	1 BG	6 W/B	۷ /	8 BG		_	+	-	+	+	12 B	╁	ī	14 B	+	15 SB	F	H	18 B	18 W/B	+	-	+	32 V	33 L	+	+	7	+	37 B	37 L	+	38 P
			0											-																- [With VR30 engine]	- [With 2.0L turbo gasoline engine]								- [With 2:0L turbo gasoline engine]	- [With VR30 engine]					<ul> <li>[With VR30 engine and with BOSE system]</li> </ul>
																														ν] -	- [With 2.0								- [With 2.0L	- [Wi					<ul> <li>[With VR30.</li> </ul>
	SB .	. 51	-	9	BR o	40 8	98	*	>	>	97	æ	æ	W	^	BG	9	9	BG	BR	> 1	4	70 LG	: «	W	1	M	W &	88		W - [With 2.0	В	Я	BG		M	В		- [Wit		W.	W.	W	+	RR - [With VR30 a

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# TILT & TELESCOPIC SYSTEM

Wiring Diagram

NFOID:000000012797202



_																																			_													_
	B600	WIRE TO WIRE	NS16MW-CS				17 1 43	46 48 47 6 45 22 33 7 23				Signal Name [Specification]	Jigilai Mallie [Jpecilication]				-		•							-		-				8601	DRIVER SEAT CONTROL LINIT		TH32FW-NH				7 8 9 10	19 20 21 23				Signal Name [Specification]	ognal value (openication)	CAN-H	UART (TX/RX)	STARTSW
-		Name	Г									Color Of	Wire	-											-									П	lype									Color Of	Wire	L	BR	æ
	Connector No.	Connector Name	Connector Type		(B	Ę	2					Terminal	No.	1	2	5	9	7	17	21	22	23	28	33	43	45	46	47	48			Connector No.	Connector Name		Connector Type	q	華	Ü						al	No.	1	2	3
				,											•	- [Without paddle shift]	- [With paddle shift]				- [With VR30 engine]	- [With 2.0L turbo gasoline engine]					- [Without paddle shift]	- [With paddle shift]			- [With 2.0L turbo gasoline engine]	- [With VR30 engine]				1	_	<ul> <li>Except with VR30 engine and with BOSE system.</li> </ul>	•				•					
	~	<b>∝</b> ≥	>	GR	9	9	98	BR	Å	Я	В	Μ	8	M	٦	Я	۸	BR	8	8S	۸	Μ	В	В	98	٦	œ	>	В	9	>	Μ	GR	GR.	>	>	a a	>										
	54	55	288	59	60	61	62	63	64	99	70	7.1	72	73	74	75	75	76	77	78	79	79	81	82	83	84	85	85	86	88	89	89	91	94	96	97	86	88										
	Ot Signal Name [Specification]									•											•	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine and without gateway]	- [With 2.0L turbo gasoline engine and with gateway]	- [With VR30 engine]					- [With 2.0L turbo gasoline engine]															•		
		wire >	- o	_	PI	٨	2	>	97	BG	BG	PI	GR	æ	٦	^	Μ	BR	Μ	æ	۸	æ	>	Ь	۸	^	9	œ	ж	8	$\dashv$	-	$\dashv$	+	+	+	+	+	+	+		$\dashv$	BG	$\dashv$	$\dashv$	-	$\dashv$	91
	Terminal	ġ -	7	æ	4	2	9	7	00	10	11	12	13	14	15	16	18	19	20	22	23	24	24	25	25	25	56	27	28	31	31	32	33	34	32	36	37	88	40	41	45	43	44	46	20	51	52	23
51	Connector No. 812	Connector Name WIRE TO WIRE	Connector Type NS16FW-CS				21 5 2 0 43	33 22 45 6				Terminal Color Of Sirnal Name (Snecification)	No. Wire Ugusing Specification	1 L	2 LG .	S P	- A 9	7 p	17 P - [Without Gateway]	H	_	22 BR -	BG	28 R -	33 1	43 B -	45 G .			48 GR -			Connector No. B18	Connector Name WIRE TO WIRE	П	Connector Type TH80FW-CS16-TM4	d			20 20 20 20 20 20 20 20 20 20 20 20 20 2		1   1   1   1   1   1   1   1   1   1						

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TILT AND	1   AIND   ELESCOPIC STSTEIV 4   P   PULSE (RECLINER)	Conne	Connector No.	E25	38	۵	· [With 2.0L turbo gasoline engine and without gateway]	2/2	g	
2	PULSE (TELESCOPIC)				38	œ	- [With 2.0L turbo gasoline engine and with gateway]	77	λ	
Æ 9	ADDRESS 2	Conne	connector Name	WIRE IO WIRE	39	BR	- [With 2.0L turbo gasoline engine]	78	91	- [With 2.0L turbo gasoline engine and with ADAS]
9 /	IND 2	Conne	Connector Type	TH80FW-CS16-TM4	39	>	- [With VR30 engine]	78	۵	- [With VR30 engine]
> &	SLIDE SW (BACKWARD)	[			40	SB		78	>	- [With 2.0L turbo gasoline engine and without ADAS]
Α 6	RECLINER SW (BACKWARD)	ľ	_	40	41	91		79	SB	
10 0	TILT SW (DOWNWARD)			5 B	44	>		80	U	
11 6	LIFTER SW (DOWNWARD)	7	ń		45	-	- (With 2.0L turbo gasoline engine)	81	œ	
-	POWER SUPPLY (ENCODER)		ı		45	>	- [With VR30 engine]	82	>	
$\vdash$	CAN-L				46	m	- [With VR30 engine]	83	æ	- [With 2.0L turbo gasoline engine]
-	PULSE (SLIDE SENSOR)			94	46	>	- [With 2.0L turbo gasoline engine]	83	œ	- [With VR30 engine]
H	PULSE (LIFTER FRONT)				47	G		84	91	
H	PULSE (LIFTER REAR)	Terminal	nal Color Of		48	SHIELD		98	BG	
21 SB	PULSE (TILT SENSOR)	No.	Wire	Signal Name [Specification]	49	æ		87	IJ	
22 0	ADDRESS 1	Н	BG		20	BB.	- [With VR30 engine]	68	91	,
23 W	IND 1	9	>		20	GR	- [With 2.0L turbo gasoline engine]	06	ŋ	- [With VR30 engine]
24 P	SLIDE SW (FORWARD)	_	-		51	_		90	GR	- [With 2.0L turbo gasoline engine]
25 Y	RECLINER SW (FORWARD)	∞	BG	- [With VR30 engine]	52	Μ		91	9	
26 GY	TILT SW (UPWARD)	80	BR	- [With 2.0L turbo gasoline engine]	53	>		93	BG	
27 L	LIFTER SW (UPWARD)	6	80	- [With 2.0L turbo gasoline engine]	54	Ь	- [With VR30 engine]	94	GR	- [With VR30 engine]
28 Y	SET SW	6	GR	- [With VR30 engine] [Color of wire differs depending on production]	54	W	- [With 2.0L turbo gasoline engine]	94	٦	- [With 2.0L turbo gasoline engine]
		6		- [With VR30 engine] [Color of wire differs depending on production]	55	В	- [With 2.0L turbo gasoline engine]	95	BG	- [With VR30 engine]
		10	BR		55	۸	- [With VR30 engine]	95	Ь	- [With 2.0L turbo gasoline engine and without gateway
Connector No.	8602	11	٦		26	BG	- [With 2.0L turbo gasoline engine]	95	В	- [With 2.0L turbo gasoline engine and with gateway
Connector Name	DRIVER SEAT CONTROL LINIT	12	GR	- [With VR30 engine]	26	SB	- [With VR30 engine]	96	W	
COIIIIECTOI MAIIIE		12	Ь	- [With 2.0L turbo gasoline engine]	27	BG	- [With VR30 engine]	6	91	
Connector Type	NS12FW-CS	13	SHIELD	- [With	57	W	- [With 2.0L turbo gasoline engine]	98	٦	-
4		13	W	- [With VR30 engine]	28	В	- [Color of wire differs depending on production]	66	97	- [With 2.0L turbo gasoline engine]
B		14	В		28	B/W	- [Color of wire differs depending on production]	66	Ь	- [With VR30 engine]
٦		15	GR	- [With 2.0L turbo gasoline engine]	59	>		100	SHIELD	
i.	33 34 35 36	15	$\dashv$	- [With VR30 engine]	61	~				
	38 39 40 41 42 43	16	BR	- [With 2.0L turbo gasoline engine]	64	>				
		16	>	- [With VR30 engine]	9	æ	- [Color of wire differs depending on production]	Connector No.	No.	M19
		17	BR	- [With VR30 engine]	65	æ	- [Color of wire differs depending on production]	Connector Name	- Name	WIRE TO WIRE
		17	eg.	- [With 2.0L turbo gasoline engine]	99	S.				
le	Signal Name (Specification)	18	g	- [With 2.0L turbo gasoline engine]	67	91		Connector Type	r Type	TH80MW-CS16-TM4
No. Wire		18	۵.	- [With VR30 engine]	89	BG		þ		
33 R	BAT (PTC)	19	>		69	٦		B		1 3
34 V	SLIDE MOTOR (BACKWARD)	31	>	- [With 2.0L turbo gasoline engine]	70	۳		<b>E</b>		
35 γ	RECLINER MOTOR (FORWARD)	31	>	- [With VR30 engine]	71	G	- [With 2.0L turbo gasoline engine]	Ş		
36 0	TILT MOTOR (DOWNWARD)	32	9	- [With 2.0L turbo gasoline engine]	7.1	91	- [With VR30 engine]			
38 P	SLIDE MOTOR (FORWARD)	32	GR	- [With VR30 engine]	72	_	- [With 2.0L turbo gasoline engine]			
39 W	RECLINER MOTOR (BACKWARD)	33	1	- [With VR30 engine]	72	^	- [With VR30 engine]			
40 GY	TILT MOTOR (UPWARD)	33	٨	- [With 2.0L turbo gasoline engine]	73	9	- [With VR30 engine]			
41 L	REAR LIFTER MOTOR (UPWARD)	34	۵		73	Λ	- [With 2.0L turbo gasoline engine]	Terminal	Color Of	Street Name Constitution
Н	REAR LIFTER MOTOR (DOWNWARD)	35	GR		74	BR	- [With VR30 engine]	No.	Wire	olgiiai Naille [Specification]
43 B	GND	36	œ		74	٦	- [With 2.0L turbo gasoline engine]	1	^	•
		37	_	- [With 2.0L turbo gasoline engine]	75	Ь	- [With 2.0L turbo gasoline engine and without gateway]	2	9	
		37	>	- [With VR30 engine]	75	R	- [With 2.0L turbo gasoline engine and with gateway]	3	SB	
		38	1	- [With VR30 engine]	75	>	- [With VR30 engine]	4	BR	

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2	>		64	+		7	BR:	,	36	+	
ام	× ;		9 8	+		∞ 0	- ;		2 2	·	- [With VK30 engine]
-	>		9	+		5 C	<u>_</u>		£	-	- [With 2.0L turbo gasoline engine]
∞	>	•	71	≥		10	g		38	+	- [With VR30 engine]
10	BG		72	89					38	3 P	- [With 2.0L turbo gasoline engine and without gateway]
11	BR		73	>					m	38 R	- [With 2.0L turbo gasoline engine and with gateway]
12	97		74	-		Connector No.	or No.	M40	3	39 R	- [With 2.0L turbo gasoline engine]
13	S.		75	>				Tours OF Tours	m	39 ⊀	- [With VR30 engine]
14	œ		9/	BR		Connect	connector Name	WIRE IO WIRE	4	40 GR	
15	-		77	60		Connector Type	or Type	TH80MW-CS16-TM4	41	_	,
16	>		78	SB					4	44 BR	
18	>		79	۵	- [With VR30 engine]	E		0 0	4	45 L	- [With 2.0L turbo gasoline engine]
19	BR.	٠	79	*	- [With 2.0L turbo gasoline engine]			\$ 200 000 000 000 000 000 000 000 000 00	4	45 W	- [With VR30 engine]
20	×		81	æ		Ź			4	46 G	- [With VR30 engine]
22	SB		82	œ				8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	46	>	- [With 2.0L turbo gasoline engine]
23	œ		83	BG				22 00 00 00 00 00 00 00 00 00 00 00 00 0	47	7 BG	- [With 2.0L turbo gasoline engine]
24	~	- [With 2.0L turbo gasoline engine]	84	-					47	7 R	- [With VR30 engine]
24	>	- [With VR30 engine]	85	*					4	48 SHIELD	
25	۵	- [With 2.0L turbo gasoline engine]	98	8		Terminal	Color Of	Olempia Compiler	49	9	- [With VR30 engine]
25	×	- [With VR30 engine]	88	o		o'N	Wire	signal Name [specification]	49	9	- [With 2.0L turbo gasoline engine]
56	9		68	>	- [With 2.0L turbo gasoline engine]	1	BG		5	50 B	- [With 2.0L turbo gasoline engine]
27	œ	1	68	Α	- [With VR30 engine]	9	W/B		20	) BR	- [With VR30 engine]
28	æ		91	GR		7	۸		51	1 1	
31	æ		94	æ		∞	8	- [With VR30 engine]	25	× ×	
32	89		96	*		∞	BR	- [With 2.0L turbo gasoline engine]	53	9	
33	8		46	>		6	97	- [With VR30 engine]	54	4 SB	- [With 2.0L turbo gasoline engine]
34	>		86	BR	- [With VR30 engine and with BOSE system]	6	۵	- [With 2.0L turbo gasoline engine]	54	H	- [With VR30 engine]
32	۵		86	>	- [Except with VR30 engine and with BOSE system]	10	>		2	55 8	- [With 2.0L turbo gasoline engine]
36	×		]			11	>	- [With VR30 engine]	2	55 P	- [With VR30 engine]
37	SB					11	>	- [With 2.0L turbo gasoline engine]	26	9B	
38	97	1	Connec	Connector No.	M28	12	m	- [With VR30 engine]	5	$\vdash$	- [With
40	۵			1	DOTOM DISCOSSI ST S T ST	12	BR	- [With 2.0L turbo gasoline engine]	57	7 GR	- [With VR30 engine]
41	9	1	T COLLIE	no Name	IILI & IELESCOPIC MOTOR	13	æ	- [With VR30 engine]	57	ط د	- [With 2.0L turbo gasoline engine]
42	BR		Connec	Connector Type	NS10FW-CS	13	SHIELD	- [With 2.0L turbo gasoline engine]	28	8	
43	BR	•	[			14	В		29	Н	
44	BR	•	ß	_		15	BG	- [With 2.0L turbo gasoline engine]	61	1 W/B	
46	BG		ŧ	,		15	SB	- [With VR30 engine]	64	<b>↓</b>	
20	W			5		16	В	- [With VR30 engine]	9	65 R	
51	λ				6 5 4 3 2 1	16	BR	- [With 2.0L turbo gasoline engine]	9	d 99	- [Color of wire differs depending on production]
25	>					17	91		99	>	- [Color of wire differs depending on production]
23	91					18	8	- [With VR30 engine]	29	91 /	
54	œ	1				18	W/B	- [With 2.0L turbo gasoline engine]	9	68 BG	
22	œ		Terminal	ial Color Of	f Samuel Name (Samuel Samuel S	19	٨		69	1 6	
57	W	•	No.	Wire	ognalivanie (opecinication)	31	Μ		70	R R	
28	۸		1	BR		32	9	- [With 2.0L turbo gasoline engine]	7.1	۸ ۱	- [With VR30 engine]
59	BG		2	Μ		32	>	- [With VR30 engine]	71	1 W	- [With 2.0L turbo gasoline engine]
9	9		3	٦		33	٦	- [With VR30 engine]	72	7 r	- [With 2.0L turbo gasoline engine]
61	ŋ		4	٦		33	>	- [With 2.0L turbo gasoline engine]	72	51 16	
62	BG	-	2	Ь		34	Ь		73	3 R	- [With VR30 engine]
63	ä		٧	W		37	20		L	W CZ	- M/ith 2 OI turbo assoline engine

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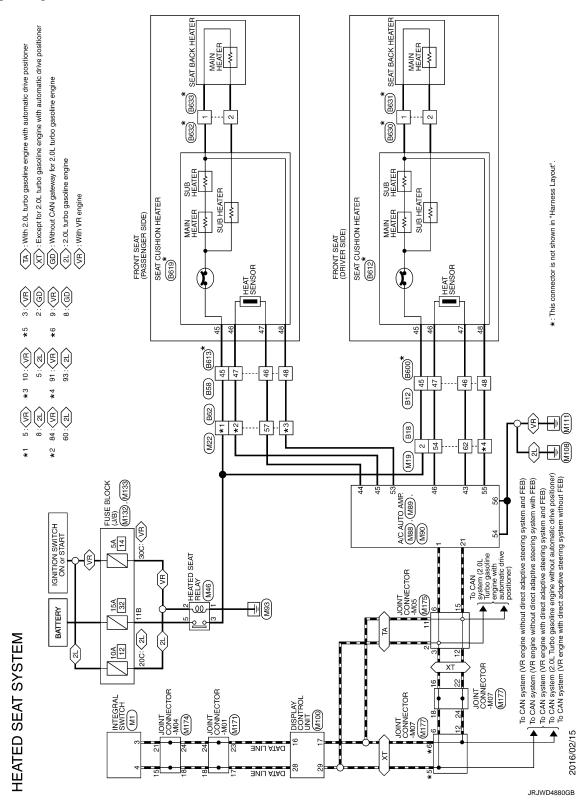
	А
Signal Name (Specification)  TRESCOPIC RA TR	В
M121.1 & TEIL & SEE	С
Connector No.   Connector Name   Connector Name   Connector Name   No.	D
ation]	Е
AUTOMATIC DRIVE POSTITONES CONTROL, UNIT NSGEFW-CS  EST DEST DEST DEST DEST DEST DEST DEST D	F
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	G
	Н
NH  Signal Name [Specification]  LETHVARD  MIRROR, SELECT, SW, RH  LUPWARD  LUPWARD  MIRROR, SELECT, SW, RH  MIRROR, SELECT, SW, RH  MIRROR, SELECT, SW, RH  DOWNWARD  MIRROR, SELECT, SW, LH  DOWNWARD  MIRROR, SELECT, SW, LH  DOWNWARD  MIRROR, MOTOR  MIRROR, SENSOR  MIRROR, MOTOR	1
1   2   3   4   5   6   7   8   10	SE
Connector No.  Connector Type  Connector Type  1	К
negine]  regine]  regine]  regine]  regine]  regine]  regine]  regine]	L
TILT AND TELESCOPIC SYSTEM	М
AND TELE    R   R   R   R     W   W   W   W     S   R   R   R     C   C   C     C   C   C     C   C	N
1   1   1   1   1   1   1   1   1   1	0
J	IRJWD4879GB

**SE-45** 2016 Q50 Revision: November 2016

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## **HEATED SEAT SYSTEM**

Wiring Diagram



Α

В

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Р

ttor Na,	48   V   Sec.	
	79   8   77   8   79   79   79   79	
<u> </u>	W	
TED SEAT SYSTEM  FOR No. 812  FOR WIRE TO WIRE  FOR TYPE  SERIES   ST   ST   ST   ST   ST    SERIES   ST   ST   ST   ST   ST    Wire  L  L  L  L  L  L  L  L  L  L  L  L  L	17   R   P   -	
( <u>                                      </u>		JRJWD4881GB

Revision: November 2016 **SE-47** 2016 Q50

HEAT	ED SI	HEATED SEAT SYSTEM					•				
9	BR	- [With 2.0L turbo gasoline	39	^	- [With VR30 engine and with BOSE system]	82	9	- [With 2.0L turbo gasoline engine]	lar	Signal Name [Specification]	
_	m	- [With 2.0L turbo gasoline engine and wi	40	٥		82	SHIELD	- [With VR30 engine]	No. Wire		
7	BR	Ė	41	_		83	œ	- [With 2.0L turbo gasoline engine]	1 .		
7	Α	- [With VR30 engine and with BOSE system]	45	æ		83	Μ	- [With VR30 engine]	2 -	-	
7	٨	- [With 2.0L turbo gasoline engine and without BOSE System]	43	SHIELD		84	BR	- [With VR30 engine]	. 9	•	
00	8	- [With VR30 engine and with BOSE system]	44	۵		84	SHIELD	- [With 2.0L turbo gasoline engine]	. 9		
8	9	- [With 2.0L turbo gasoline	45	8	- [With 2.0L turbo gasoline engine]	85	BG	- [With VR30 engine]	- 2		
∞	٨	- [Wit	45	9	- [With VR30 engine]	85	9	- [With 2.0L turbo gasoline engine]	17 -		
6	97	- [With 2.0L turbo gasoline	46	SHIELD		98	В	- [With 2.0L turbo gasoline engine]	21		
6	SHIELD	.D - [With VR30 engine]	47	g		98	>	- [With VR30 engine]	22 -		
10	>		48	BG		87	91	- [With VR30 engine]	23 -		
11	GR		49	g		87	SHIELD	- [With 2.0L turbo gasoline engine]	28 .		
12	>		20	>		88	91		33		
13	В		51	GR		06	Ь	- [With 2.0L turbo gasoline engine]	43 -		
14	BG		25	Μ	- [With 2.0L turbo gasoline engine]	06	۸	- [With VR30 engine]	45 -		
15	9B	- [With	52	٨	- [With VR30 engine]	95	7	- [With 2.0L turbo gasoline engine]	- 46		
15	GR.	- [With VR30 engine]	23	œ		95	>	- [With VR30 engine]	47 -		
16	>		54	g		93	œ	- [With VR30 engine]	48		
17	۵		22	_		93	SHIELD	- [With 2.0L turbo gasoline engine]			
18	٦		26	>		94	œ				
19	×		22	œ		95	7	- [With 2.0L turbo gasoline engine]	Connector No.	B612	
20	GR		28	91		95	>	- [With VR30 engine]		CLEAN TO THE PARTY OF THE PARTY	
21	œ		29	۵		96	œ	- [With 2.0L turbo gasoline engine]	connector Name	SEAT COSMICIN MEATER	
22	>		61	٦		96	×	- [With VR30 engine]	Connector Type	NS04MW-CS	
23	٨		62	۵	- [With VR30 engine]	- 6	٦	- [With VR30 engine]	ı		
24	BG	- [With 2.0L turbo gasoline engine]	62	>	- [With 2.0L turbo gasoline engine]	46	R.	[With 2.0L turbo gasoline engine and with BOSE system]	E		
24	>	- [With VR30 engine]	63	_		97	M	[With 2.0L turbo gasoline engine and without BOSE system]			
25	_	- [With 2.0L turbo gasoline engine]	64	>		86	97		Ž.		
25	SB		99	91		66	BR	- [With VR30 engine and with BOSE system]		45 46 47 48	
56	9	- [With VR30 engine]	89	1		66	Ь	- [With 2.0L turbo gasoline engine]			
56	W	- [With 2.0L turbo gasoline engine]	69	Ь		66	) - k	[With VR30 engine and without BOSE system]			
27	В		7.1	GR	- [With 2.0L turbo gasoline engine]	100	BR	- [With VR30 engine]			
59	97		7.1	ч	- [With VR30 engine]	100	W	- [With 2.0L turbo gasoline engine]	Terminal Color Of	Signal Name [Specification]	
30	FIG	- [With	72	9	- [With VR30 engine]				No. Wire	Jigilai ivallie [Jpecilication]	
30	Ь	- [With VR30 engine]	72	>	- [With 2.0L turbo gasoline engine]				45 B		
31	SHIELD	- Q	73	ж	- [With 2.0L turbo gasoline engine]	Connector No.		B600	46 BR	•	
32	7		73	SHIELD	- [With VR30 engine]	Connector Name		WIRE TO WIRE	47 W		
33	8		74	BG	- [With 2.0L turbo gasoline engine]		,		48 P		
33	51	- [With 2.0L turbo gasoline engine]	74	٦	- [With VR30 engine]	Connector Type		NS16MW-CS			
34	SHIELD	- q	75	GR	- [With 2.0L turbo gasoline engine]	ľ					
35	PT		75	>	- [With VR30 engine]	E					
32	Μ	- [With	9/	GR	- [With VR30 engine]	Ę					
36	В	- [With VR30 engine]	26	۸	- [With 2.0L turbo gasoline engine]	2		17 1 43 - 2 5 21 28			
36	Μ	- [With 2.0L turbo gasoline engine]	77	Ь				7 00			
37	Ь	- [With 2.0L turbo gasoline engine and without BOSE system]	78	٦				(2) / (6) 77 (4) (4) (4) (5)			
37	В	П	79	æ							
37	Μ	- [With 2.0L turbo gasoline engine and with BOSE system]	80	GR	- [With 2.0L turbo gasoline engine]						
38	*	•	80	>	- [With VR30 engine]						
39	۵	- [With VR30 engine and without	81	8	- [With VR30 engine]						
30	œ	- [With 2.0L turbo gasoline engine]	81	~	- [With 2.0L turbo gasoline engine]						

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Connector No. M1  Connector Name INTEGRAL SWTCH  Connector Type TH-24FW-ANH  H.S. I S	No.   No.   Signal Name [Specification]     No.   No.   No.   ILLUMINATION SIGNAL     4   S8	
Connector No. 8652 Connector Type MINE TO WINE Connector Type MO2FW.LC	Terminal Color Of No. Wire Signal Name (Specification)  2	
Connector No. 8630 Connector Name Wire TO WIRE Connector Type M02FW.4C	Terminal Color Of No. Wire Signal Name Specification]  2	S
HEATED SEAT SYSTEM  Connector No. 8613  Connector Name Wing TO Wing  Connector Type NS16/NW-CS  A1 A	Terninal Color Of No.   Signal Name [Specification]   No.   Wire   Signal Name [Specification]   43	1
		JRJWD4883GB

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					- [With 2.0L turbo gasoline engine]	- [With VR30 engine]			- [Except with VR30 engine and with BOSE system]	- [With VR30 engine and with BOSE system]				<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]							1	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]					Contract of the second of the second	- [with 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]		- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	•			- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]	<ul> <li>- [With 2.0L turbo gasoline engine]</li> </ul>
9		æ	SHIELD	Ь	8	U	SHIELD	1	T	BR	9	>	>		>	œ (	5 -	-	. «	91	SB	_	Ь	^	_	>	œ	_ (	ı (	ž a	: 0	>	97	SHIELD		91	Ь	SB	>		_	9	GR.	>	8	œ
40	41	42	43	44	45	45	46	47	48	48	49	20	51	52	52	53	y 7	Ç 7	57	228	59	61	62	62	63	64	99	88 8	6 5	1,1	72	72	73	73	74	74	75	9/	76	77	78	79	80	80	81	81
- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]	,					<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]	- [With DCM]	- [Without DCM]							- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]	- [With VR30 engine]	- [with 2.0L turbo gasoline engine]		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]			- [With VR30 engine]	- [With 2.0L turbo gasoline engine]		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]		- [With VR30 engine and without BOSE system]	<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>
^	BG	BR	91	Ь	9	۵.	97	SHELD	>	GR	>	91	91	BR	۵	SB :	>   ,	-		g.	~	>	٦	98	>	-	SB	<u>و</u>	> 4	2 ع	SB	>	SHIELD	_	8	91	SHIELD	PT	Μ	æ	>	œ	>	7	┪	ď
2	9	9	7	7	∞		6	6	10	11	12	13	14	12	12	16	9 ;	1 2	19	20	21	22	23	24	24	52	52	56	97 [2	/7	8	98	31	32	33	33	34	35	32	36	36	37	37	38	39	39
									- [With VR30 engine]	- [With 2.0L turbo gasoline engine]							The state of the s	- [With 2:0L turbo gasoline engine] - [Mith VR30 angine]	[augus ocus unas]				- [With VR30 engine and with BOSE system]	- [Except with VR30 engine and with BOSE system]			M22	WIRE TO WIRE	TOTAL CASC STREET	THSUMW-CSIB-TIM4		2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			8			Signal Name (Specification)	organization (observed only		- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With 2.0L turbo gasoline engine]	- [With VR30 engine]	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]
97	≯	В	>	_	>	æ	60	æ	а	>	æ	œ	BG	٦	≥	9 9	; و	> >	8 8	ĕ	>	>	BR	٨			or No.	Connector Name	Tues	adk i								Color Of	Wire	97	_	SHIELD	æ	œ	SHIELD	>
20	71	72	73	74	75	9/	77	78	79	79	81	82	83	84	82	98	8 8	6 8	91	94	96	6	86	86			Connector No.	Connecto	Connector Tuno	COLLIECT	Œ		Ź					Terminal	No.	1	2	7	е -	m	4	4
					T.									<ul> <li>[With 2.0L turbo gasoline engine]</li> </ul>	- [With VR30 engine]	- [With 2.0L turbo gasoline engine]	- [With VK30 engine]					1																		•						-
W	>	BG	æ	97	GR	œ	_	>	×	BR	*	SB	œ	œ	>-	۵ ;	> (	5 α	< 00	88	600	m	۸	Ь	*	SB	91	a. (	9 8	ž a	86	9g	×	>	>	97	×	В	Μ	^	BG	ŋ	9	g	æ	>
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Connector No. M100	Connector Name DISPLAY CONTROL UNIT	Connector Type TH24FW-NH			/	1617 1920	[			Jal C	No. Wire 16 I.G AV.COMM (1.)	3 d	ac	BR REVE	В	26 BR CAMERA SWITCH SIGNAL	8 -	B IGN Fe	W IGN [F	œ	SB ACC [Except for VR30 engine and w	33 V ACC [For VR30 engine and with ISS]	*		Connector No	T	Connector Name FUSE BLOCK (J/B)	Connector Type NS16FW-CS	á	医	H.S.	0.7 G.		Color Of	Signal Name [Specification]	+	13B P .	14B G -	158 Y -	2B B .									
Connector No. M89	Connector Name A/C AUTO AMP.	Connector Type TH12FW-NH				43 44 45 46				o le	No. Wire HEAT SENSOR GROUND LH	ł	88	Н		Connector No Man	П	Connector Name A/C AUTO AMP.	Connector Type NS04FW-CS	1				53 54 55 56			nal Color Of	Wire	V HE/	8	55 GR HEATED SEAT CONTROL SIGNAL LH 56 B HEATED SEAT GROUND I H	٥																	
Terminal Color Of Connectional	No. Wire	2 R - [With VR30 engine and without ISS]	2 W - [Except with VR30 engine and without ISS]	$\dashv$			Connector No.	Т	<b>a</b> 1	Connector Type TH40FW-NH			5	21 22 23 23 23 23 23 33 34			Torminal Color Of		+	2 B GROUND	3 W BATTERY POWER SUPPLY	7 G AMBIENT SENSOR SIGNAL	œ	SB AC	V ACC POWER S	17 P DOOD MOTOD BOWER SIDDLY	18	20 L HEATED STEERING WHEEL RELAY CONTROL SIGNAL	P CAI	œ I	2.3 R IGNITION POWER SUPPLY (With VR30 engine and with ISS) 2.3 M IGNITION POWER SUPPLY (Proof with VR30 engine and with ISS)	3	20         B         SENSOR SIGNAL           27         LG         IN-VEHICLE SENSOR SIGNAL           28         BR         INTAKE SENSOR SIGNAL	. g	37 B GROUND 38 RG IONIZEP (ON/OEF) CONTROL SIGNAL	BG 86													
HEATED SEAT SYSTEM 82   SHIELD   - (With VR30 engine)	83 R - [With 2.0L turbo gasoline engine]	BR	SHIELD - [With	BR - [With VR30 engine]	- [With 2.0L turbo gasoline eng	∝ >		SHIELD - [With	BR - [With VR30 engine]	LG - [With 2.0L turbo gasoline eng	90 SB - [With 2.0L turbo gasoline engine] 90 V - [With VR30 engine]		W - [With VR30 engine]	R - [With VR30 engine]	93 SHIELD - [With 2.0L turbo gasoline engine]	94 R - Martish 2 Of trusho conclusion	v [With West carbo gasonine eng	- R	W - [With VR30 engine]		97 R - [With 2.0L turbo gasoline engine]	BR	BR - [With VR30 engine and with BOSE	P - [With 2.0L turbo gasoline eng	- [With VR30	100 W - Mith 2 Of turbo engine]	AV TANKIL Z.OL (GLOO Basollile elle	İ	Connector No. M46	Connector Name HEATED SEAT RELAY	Т	٦				2X1													
+∐		1						1			1	1	1				1			1						_1_	J	Į	8	8	18	<u> </u>												JR	:JW	/D4	885	GB	

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## **HEATED SEAT SYSTEM**

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. fWith VR30 engine	- [With 2.0L turbo gasoline engine]	M174		24342_4GA2A		6 5 4 3 2 1	11 10 9 8 7	24 23 22 21 20 19			Signal Name [Specification]	,				,																-					
24	24 SB	Connector No.	Connector Name	Connector Type	<b>4</b>	事	Ċ			-	No. Wire	1 L	2 L	3 -	. 2	7 9	γ /	$\dashv$	6	11 ×	╁	13 SB	Н	+	17 SB	╁	Н	+	+	23 16	╀						
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>	ه د	+	. 0	9 0	>		Connector No.	Connector Name	Connector Type			7.				al Color Of	Wire	9	a .	0 00	8	8	89	e (	2 0	9	89	œ (	۾ بر	- 8 <sup>9</sup>	>	SB	٨	ۍ <del>ر</del>	9 9	SB	2
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HEATED SEAT SYSTEM			M133	FUSE BLOCK (J/B)	TH40FW-NH							Signal Name (Specification)				1			- [Without DRPO]	- [With DRPO]			-										- [With VR30 engine]	- [With 2.0L turbo gasoline engine]			
TED SE,	œ >				П						Terminal Color Of	Wire	> -		, >-	œ	æ	٦	8	. a	~	W	٦	٠.	ا د	SB	۵	> 3	3 6	χ α	* *	ж	В	~ 5	a/8	~	;
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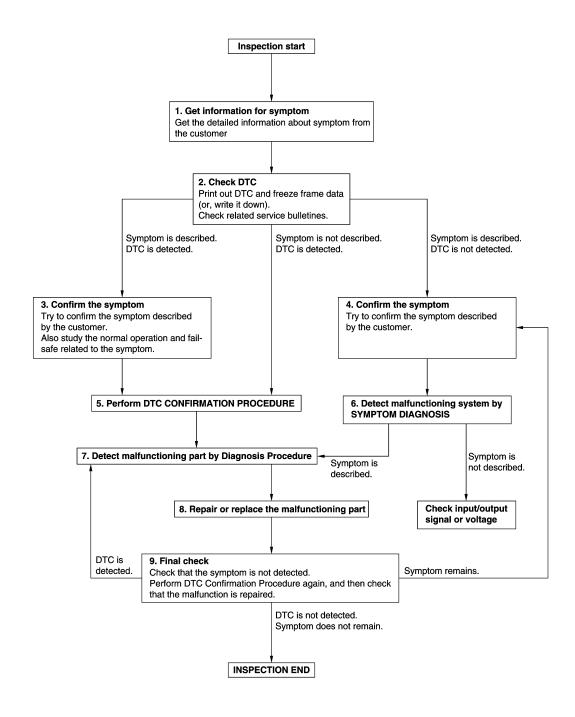
Signal Name [Specification]								•		ı							-					•		
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# **BASIC INSPECTION**

## DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

**OVERALL SEQUENCE** 



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#### DIAGNOSIS AND REPAIR WORK FLOW

#### < 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 HAC-48, "DTC Index" 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".

### $\mathsf{6}.\mathsf{DETECT}$ 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 DIAGNOSIS PROCEDURE

Inspect according to Diagnosis Procedure of the system.

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### **DIAGNOSIS AND REPAIR WORK FLOW**

#### < BASIC INSPECTION >

#### Is malfunctioning part detected?

YES >> GO TO 8.

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

# 8.repair or replace the malfunctioning part

- Repair or replace the malfunctioning part.
- Reconnect parts or connectors disconnected during Diagnosis 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.

# DTC/CIRCUIT DIAGNOSIS

### **B277E HEAT SENSOR**

## **DTC** Description

### INFOID:0000000012797205

#### DTC DETECTION LOGIC

DTC No.	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition
B277E	HEAT SENSOR (DRIVER SIDE) [Heat sensor (driver side)]	Heat sensor (driver side) signal voltage is too high.

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#### POSSIBLE CAUSE

- Harness or connectors (Heat sensor signal circuit is short.)
- Seat cushion trim
- A/C auto amp.

#### FAIL-SAFE

### DTC CONFIRMATION PROCEDURE

## 1. PERFORM DTC CONFIRMATION PROCEDURE

- Turn ignition switch ON.
- 2. Turn heated seat switch ON.
- 3. Check DTC in "Self Diagnostic Result" mode of "A/C auto amp" using CONSULT.

#### Is DTC detected?

YES >> Refer to SE-57, "Diagnosis Procedure".

NO-1 >> To check malfunction symptom before repair: Refer to GI-45, "Intermittent Incident".

NO-2 >> Confirmation after repair: INSPECTION END

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## Diagnosis Procedure

## 1. CHECK HEAT SENSOR SIGNAL

INFOID:0000000012797206

Check voltage between A/C auto amp. harness connector and ground.

(	+)				Voltage
A/C au	ito amp.	(-)	Con	dition	(Approx.)
Connector	Terminal				
M89	46	Ground	Ignition switch	OFF	0 V
IVIOS	40	Ground	ignition switch	ON	5 V

#### Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-137, "Removal and Installation".

NO >> GO TO 2.

## 2.check heat sensor signal circuit

- Turn ignition switch OFF.
- Disconnect A/C auto amp. connector and seat cushion heater connector.
- Check continuity between A/C auto amp. harness connector and seat cushion heater harness connector.

A/C au	to amp.	Seat cush	ion heater	Continuity		
Connector	Terminal	Connector	Terminal			
M89	46	B612	46	Existed		

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### **B277E HEAT SENSOR**

### < DTC/CIRCUIT DIAGNOSIS >

A/C au	to amp.		Continuity		
Connector	Terminal	Ground	Continuity		
M89	46		Not existed		

### Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>.

NO >> Repair or replace harness.

### **B277F HEAT SENSOR**

#### < DTC/CIRCUIT DIAGNOSIS >

## **B277F HEAT SENSOR**

## DTC Description

#### DTC DETECTION LOGIC

DTC No.	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition
B277F	HEAT SENSOR (DRIVER SIDE) [Heat sensor (driver side)]	Heat sensor (driver side) signal voltage is too low.

#### POSSIBLE CAUSE

- Harness or connectors
  - (Heat sensor signal circuit is open.)
- Seat cushion trim
- A/C auto amp.

#### **FAIL-SAFE**

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### DTC CONFIRMATION PROCEDURE

## 1. PERFORM DTC CONFIRMATION PROCEDURE

- Turn ignition switch ON.
- 2. Turn heated seat switch ON.
- 3. Check DTC in "Self Diagnostic Result" mode of "A/C auto amp" using CONSULT.

#### Is DTC detected?

- YES >> Refer to <u>SE-59</u>, "<u>Diagnosis Procedure</u>".
- NO-1 >> To check malfunction symptom before repair: Refer to GI-45, "Intermittent Incident".
- NO-2 >> Confirmation after repair: INSPECTION END

## Diagnosis Procedure

INFOID:000000012797208

## 1. CHECK HEAT SENSOR SIGNAL

Check voltage between A/C auto amp. harness connector and ground.

	+) ito amp.	(–)	Con	dition	Voltage (Approx.)
Connector	Terminal				(11 - 7
M89	46	Ground	Ignition switch	OFF	0 V
	40	Ground	ignition switch	ON	5 V

#### Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to <u>HAC-137</u>, "Removal and Installation".

NO >> GO TO 2.

## 2.CHECK HEAT SENSOR SIGNAL CIRCUIT

- Turn ignition switch OFF.
- 2. Disconnect A/C auto amp. connector and seat cushion heater connector.
- Check continuity between A/C auto amp. harness connector and seat cushion heater harness connector.

A/C au	ito amp.	Seat cush	Seat cushion heater					
Connector	Terminal	Connector	Terminal	- Continuity				
M89	46	B612	46	Existed				

4. Check continuity between A/C auto amp. harness connector and ground.

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### **B277F HEAT SENSOR**

### < DTC/CIRCUIT DIAGNOSIS >

A/C au	ito amp.		Continuity		
Connector	Terminal	Ground	Continuity		
M89	46		Not existed		

#### Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>.

NO >> Repair or replace harness.

#### **B27AF HEAT SENSOR**

#### < DTC/CIRCUIT DIAGNOSIS >

## **B27AF HEAT SENSOR**

#### **DTC** Description INFOID:0000000012797209

#### DTC DETECTION LOGIC

DTC No.	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition
B27AF	HEAT SENSOR (PASSENGER SIDE) [Heat sensor (passenger side)]	Heat sensor (passenger side) signal voltage is too high.

#### POSSIBLE CAUSE

- Harness or connectors (Heat sensor signal circuit is short.)
- · Seat heater cushion trim
- A/C auto amp.

#### **FAIL-SAFE**

#### DTC CONFIRMATION PROCEDURE

## 1. PERFORM DTC CONFIRMATION PROCEDURE

- Turn ignition switch ON.
- Turn heated seat switch ON. 2.
- Check DTC in "Self Diagnostic Result" mode of "A/C auto amp" using CONSULT.

#### Is DTC detected?

YES >> Refer to <u>SE-61, "Diagnosis Procedure"</u>.

NO-1 >> To check malfunction symptom before repair: Refer to GI-45, "Intermittent Incident".

NO-2 >> Confirmation after repair: INSPECTION END

## Diagnosis Procedure

INFOID:0000000012797210

## 1 - CHECK HEAT SENSOR SIGNAL

Check voltage between A/C auto amp. harness connector and ground.

`	+) ito amp.	(–)	Condition		Voltage (Approx.)
Connector	Terminal				( 11 - 2)
M89	45	Ground	Ignition switch	OFF	0 V
	45	Ground	ignition switch	ON	5 V

#### Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-137, "Removal and Installation".

NO >> GO TO 2.

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## 2.CHECK HEAT SENSOR SIGNAL CIRCUIT

- Turn ignition switch OFF.
- Disconnect A/C auto amp. connector and seat cushion heater connector. 2.
- Check continuity between A/C auto amp. harness connector and seat cushion heater harness connector.

A/C au	ito amp.	Seat cushion heater		Continuity
Connector	Terminal	Connector	Terminal	Continuity
M89	45	B619	46	Existed

4. Check continuity between A/C auto amp. harness connector and ground.

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### **B27AF HEAT SENSOR**

### < DTC/CIRCUIT DIAGNOSIS >

A/C auto amp.			Continuity
Connector	Terminal	Ground	Continuity
M89	45		Not existed

### Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>.

NO >> Repair or replace harness.

### **B27CF HEAT SENSOR**

#### < DTC/CIRCUIT DIAGNOSIS >

## **B27CF HEAT SENSOR**

DTC Description

#### DTC DETECTION LOGIC

DTC No.	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition
B27CF	HEAT SENSOR (PASSENGER SIDE) [Heat sensor (passenger side)]	Heat sensor (passenger side) signal voltage is too low.

#### POSSIBLE CAUSE

 Harness or connectors (Heat sensor signal circuit is open.)

- Seat cushion trim
- A/C auto amp.

#### **FAIL-SAFE**

### DTC CONFIRMATION PROCEDURE

## 1. PERFORM DTC CONFIRMATION PROCEDURE

- Turn ignition switch ON.
- 2. Turn heated seat switch ON.
- 3. Check DTC in "Self Diagnostic Result" mode of "A/C auto amp" using CONSULT.

#### Is DTC detected?

YES >> Refer to <u>SE-63, "Diagnosis Procedure"</u>.

NO-1 >> To check malfunction symptom before repair: Refer to GI-45, "Intermittent Incident".

NO-2 >> Confirmation after repair: INSPECTION END

## Diagnosis Procedure

INFOID:000000012797212

### 1. CHECK HEAT SENSOR SIGNAL

Check voltage between A/C auto amp. harness connector and ground.

· · · · · · · · · · · · · · · · · · ·	+) ito amp.	(-)	(–) Condition		dition	Voltage (Approx.)
Connector	Terminal				X 11 - 7	
M89	45 Ground	Ground	Ignition switch	OFF	0 V	
MOS	45		ignition switch	ON	5 V	

#### Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to <a href="HAC-137">HAC-137</a>, "Removal and Installation".

NO >> GO TO 2.

## 2.CHECK HEAT SENSOR SIGNAL CIRCUIT

- Turn ignition switch OFF.
- 2. Disconnect A/C auto amp. connector and seat cushion heater connector.
- Check continuity between A/C auto amp. harness connector and seat cushion heater harness connector.

A/C au	ito amp.	Seat cushion heater		Continuity
Connector	Terminal	Connector	Terminal	Continuity
M89	45	B619	46	Existed

4. Check continuity between A/C auto amp. harness connector and ground.

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### **B27CF HEAT SENSOR**

### < DTC/CIRCUIT DIAGNOSIS >

A/C auto amp.			Continuity
Connector	Terminal	Ground	Continuity
M89	45		Not existed

### Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>.

NO >> Repair or replace harness.

## **HEATED SEAT RELAY**

## Component Function Check

#### INFOID:0000000012797213

## 1. CHECK HEATED SEAT RELAY FUNCTION

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Check that heated seat warms to preset temperature when operating heated seat switch to the optimal position.

### Is the inspection result normal?

YES >> INSPECTION END

NO >> Refer to <u>SE-65, "Diagnosis Procedure"</u>

## Diagnosis Procedure

#### INFOID:0000000012797214

## 1. CHECK HEATED SEAT RELAY POWER SUPPLY

- 1. Turn ignition switch OFF.
- 2. Disconnect heated seat relay.
- 3. Turn ignition switch ON.
- 4. Check voltage between heated seat relay terminal connector and ground.

(+)			
Heated seat relay		(-)	Voltage
Connector	Terminal		
M46	2	Ground	Battery voltage

#### Is the inspection result normal?

YES >> GO TO 4.

NO >> GO TO 2.

## 2.CHECK FUSE

Check that the following fuse is not blown (open).

2.0L turbo gasoline engine models

Signal name	Fuse and fusible link No.	
Ignition power supply	12 (10 A)	
VR engine models		
Signal name	Fuse and fusible link No.	
Ignition power supply	14 (5 A)	

#### Is the fuse blown (open)?

YES >> Replace the blown (open) fuse after repairing the affected circuit if a fuse is blown (open).

NO >> GO TO 3.

# ${f 3.}$ CHECK HEATED SEAT RELAY POWER SUPPLY CIRCUIT

- 1. Turn ignition switch OFF.
- 2. Disconnect fuse block (J/B) connector.
- 3. Check continuity between heated seat relay terminal connector and fuse block (J/B) harness connector.

Heated s	seat relay	Fuse block (J/B)		Continuity
Connector	Terminal	Connector	Terminal	Continuity
M46	2	M133	30C	Existed

4. Check continuity between heated seat relay terminal connector and ground.

Heated	seat relay		Continuity
Connector	Terminal	Ground	Continuity
M46	2		Not existed

#### Is the inspection result normal?

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### **HEATED SEAT RELAY**

#### < DTC/CIRCUIT DIAGNOSIS >

YES >> Check intermittent incident. Refer to GI-45, "Intermittent Incident".

NO >> Repair or replace harness.

## 4. CHECK HEATED SEAT RELAY GROUND CIRCUIT

- Turn ignition switch OFF.
- 2. Check continuity between heated seat relay terminal connector and ground.

Heated s	seat relay		Continuity
Connector	Terminal	Ground	Continuity
M46	1		Existed

#### Is the inspection result normal?

YES >> GO TO 5.

NO >> Repair or replace harness.

### 5. CHECK HEATED SEAT RELAY

Check heated seat relay.

Refer to SE-66, "Component Inspection".

### Is the inspection result normal?

YES >> GO TO 6.

NO >> Replace heated seat relay.

## 6. CHECK INTERMITTENT INCIDENT

Check intermittent incident.

Refer to GI-45, "Intermittent Incident".

#### >> INSPECTION END

## Component Inspection

INFOID:0000000012797215

# 1. CHECK HEATED SEAT RELAY

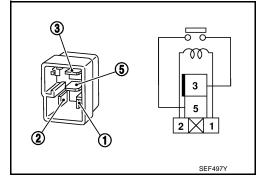
- 1. Turn ignition switch OFF.
- 2. Disconnect heated seat relay.
- 3. Check continuity between heated seat relay terminals.

Terr	ninal	Condition	Continuity
3	(5)	12 V direct current supply between terminals ① and ②.	Existed
		No current supply	Not existed

#### Is the inspection result normal?

YES >> INSPECTION END

NO >> Replace heated seat relay.



#### **SEAT CUSHION HEATER**

#### < DTC/CIRCUIT DIAGNOSIS >

## SEAT CUSHION HEATER

**DRIVER SIDE** 

## DRIVER SIDE : Component Function Check

INFOID:0000000012797216

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## 1. CHECK FUNCTION

Check that heated seat warms to preset temperature when operating heated seat switch to the optimal position.

#### Is the inspection result normal?

YES >> Seat cushion heater function is OK.

NO >> Refer to <u>SE-67</u>, "DRIVER SIDE : Diagnosis Procedure".

## INFOID:0000000012797217

## DRIVER SIDE: Diagnosis Procedure

## 1. CHECK SEAT CUSHION HEATER POWER SUPPLY

Check voltage between seat cushion heater harness connector and ground.

(+) Seat cushion heater		(–)	Condition		Voltage (Approx.)
Connector	Terminal				( ) ( )
B612	45	Ground	Ignition switch	ON	Battery voltage
B012	45	Ground	ignition switch	Other than above	0 V

#### Is the inspection result normal?

YES >> GO TO 3.

NO >> GO TO 2.

## 2.CHECK SEAT CUSHION HEATER CIRCUIT

1. Turn ignition switch OFF.

2. Disconnect seat cushion heater connector and heated seat relay connector.

Check continuity between seat cushion heater harness connector and heated seat relay harness connector.

Seat cushion heater		Heated s	Continuity	
Connector	Terminal	Connector	Terminal	Continuity
B612	45	M46	3	Existed

4. Check continuity between seat cushion heater harness connector and ground.

Seat cush	nion heater		Continuity	
Connector	Terminal	Ground	Continuity	
B612	45		Not existed	

### Is the inspection result normal?

YES >> Replace heated seat relay.

NO >> Repair or replace harness.

## 3.CHECK SEAT CUSHION HEATER CONTROL SIGNAL

Check voltage between seat cushion heater harness connector and ground.

(+) Seat cushion heater		(–)	Con	Condition	
Connector	Terminal				(Approx.)
B612	48	Ground	Heated seat sys-	Operated	0 V
B612	40	Ground	tem	Not operated	Battery voltage

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#### **SEAT CUSHION HEATER**

#### < DTC/CIRCUIT DIAGNOSIS >

#### Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to SE-90, "SEAT CUSHION: Disassembly and Assembly"

NO >> GO TO 4.

## 4. CHECK SEAT CUSHION HEATER CONTROL SIGNAL CIRCUIT

- 1. Turn ignition switch OFF.
- 2. Disconnect seat cushion heater connector and A/C auto amp. connector.
- 3. Check continuity between seat cushion heater harness connector and A/C auto amp. harness connector.

Seat cust	Seat cushion heater A/C		A/C auto amp.		
Connector	Terminal	Connector	Terminal	Continuity	
B612	48	M90	55	Existed	

4. Check continuity between seat cushion heater harness connector and ground.

Seat cush	nion heater		Continuity	
Connector	Terminal	Ground	Continuity	
B612	48		Not existed	

#### Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to <a href="HAC-137">HAC-137</a>, "Removal and Installation".

NO >> Repair or replace harness.

#### PASSENGER SIDE

## PASSENGER SIDE: Component Function Check

INFOID:0000000012797218

## 1. CHECK FUNCTION

Check that heated seat warms to preset temperature when operating heated seat switch to the optimal position.

#### Is the inspection result normal?

YES >> Seat cushion heater function is OK.

NO >> Refer to SE-68, "PASSENGER SIDE : Diagnosis Procedure".

## PASSENGER SIDE : Diagnosis Procedure

INFOID:0000000012797219

## 1. CHECK SEAT CUSHION HEATER POWER SUPPLY

Check voltage between seat cushion heater harness connector and ground.

(+) Seat cushion heater		(–)	Condition		Voltage (Approx.)
Connector	Terminal				( ) ( )
B619	45	Crownd Ignition quitab		ON	Battery voltage
<u> </u>	45	Ground	Ignition switch	Other than above	0 V

#### Is the inspection result normal?

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

# 2.check seat cushion heater circuit

- 1. Turn ignition switch OFF.
- 2. Disconnect seat cushion heater connector and heated seat relay connector.
- Check continuity between seat cushion heater harness connector and heated seat relay harness connector.

### **SEAT CUSHION HEATER**

#### < DTC/CIRCUIT DIAGNOSIS >

Seat cushion heater		Heated seat relay		n heater Heated seat relay		Continuity
Connector	Terminal	Connector	Terminal	Continuity		
B619	45	M46	3	Existed		

4. Check continuity between seat cushion heater harness connector and ground.

Seat cush	nion heater		Continuity
Connector	Terminal	Ground	Continuity
B619	45		Not existed

### Is the inspection result normal?

YES >> Replace heated seat relay.

NO >> Repair or replace harness.

## 3. CHECK SEAT CUSHION HEATER CONTROL SIGNAL

Check voltage between seat cushion heater harness connector and ground.

(+) Seat cushion heater		(-)	Condition		Voltage (Approx.)
Connector	Terminal				(. 44 )
B619	48 Ground Heated seat sy	Heated seat sys-	Operated	0 V	
5019	40	Giodila	tem	Not operated	Battery voltage

#### Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>

NO >> GO TO 4.

## 4.CHECK SEAT CUSHION HEATER CONTROL SIGNAL CIRCUIT

- 1. Turn ignition switch OFF.
- 2. Disconnect seat cushion heater connector and A/C auto amp. connector.
- 3. Check continuity between seat cushion heater harness connector and A/C auto amp. harness connector.

Seat cush	Seat cushion heater		A/C auto amp.	
Connector	Terminal	Connector	Terminal	Continuity
B619	48	M90	53	Existed

4. Check continuity between seat cushion heater harness connector and ground.

Seat cushion heater			Continuity
Connector	Terminal	Ground	Continuity
B619	48		Not existed

#### Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-137, "Removal and Installation".

NO >> Repair or replace harness.

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#### SEATBACK HEATER

### < DTC/CIRCUIT DIAGNOSIS >

### SEATBACK HEATER

**DRIVER SIDE** 

DRIVER SIDE: Component Function Check

INFOID:0000000012797220

## 1. CHECK SEATBACK HEATER FUNCTION

Check that heated seat warms to preset temperature when operating heated seat switch to the optimal position.

#### Is the inspection result normal?

YES >> INSPECTION END

NO >> Refer to SE-70, "DRIVER SIDE : Diagnosis Procedure".

### DRIVER SIDE: Diagnosis Procedure

INFOID:0000000012797221

## 1. CHECK SEATBACK HEATER POWER SUPPLY

Check voltage between seatback heater harness connector and ground.

(+) Seatback heater		(-) Condition		ndition	Voltage (Approx.)
Connector	Terminal				( 11 . 5 )
B630	2	Ground	Ignition switch	ON	Battery voltage
D030	D030 2		ignition switch	Other than above	0 V

#### Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>.

## 2. CHECK SEATBACK HEATER CONTROL SIGNAL CIRCUIT

- 1. Turn ignition switch OFF.
- 2. Disconnect seatback heater connector and seat cushion heater connector.
- Check continuity between seatback heater harness connector and seat cushion heater harness connector.

Seatback heater		Seat cushion heater		Continuity
Connector	Terminal	Connector Terminal		Continuity
B630	1	B612	48	Existed

4. Check continuity between seatback heater harness connector and ground.

Seatbac	ck heater		Continuity	
Connector	Connector Terminal		Continuity	
B630	1		Not existed	

#### Is the inspection result normal?

YES >> Replace seatback trim. Refer to <a href="SE-85">SE-85</a>, "SEATBACK: Disassembly and Assembly".

NO >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>.

#### PASSENGER SIDE

### PASSENGER SIDE: Component Function Check

INFOID:0000000012797222

## 1. CHECK SEATBACK HEATER FUNCTION

Check that heated seat warms to preset temperature when operating heated seat switch to the optimal position.

#### Is the inspection result normal?

YES >> INSPECTION END

NO >> Refer to <u>SE-71</u>, "<u>PASSENGER SIDE</u>: <u>Diagnosis Procedure</u>".

Revision: November 2016 SE-70 2016 Q50

### **SEATBACK HEATER**

#### < DTC/CIRCUIT DIAGNOSIS >

## PASSENGER SIDE : Diagnosis Procedure

INFOID:0000000012797223

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## 1. CHECK SEATBACK HEATER POWER SUPPLY

Check voltage between seatback heater harness connector and ground.

(+) Seatback heater		(-)	Condition		Voltage (Approx.)
Connector	Terminal				,
B632	2	Ground Ignition switch	Ignition switch	ON	Battery voltage
D032	5032		ignition switch	Other than above	0 V

#### Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>.

# 2.CHECK SEATBACK HEATER CONTROL SIGNAL CIRCUIT

- Turn ignition switch OFF.
- Disconnect seatback heater connector and seat cushion heater connector.
- Check continuity between seatback heater harness connector and seat cushion heater harness connector.

Seatbac	ck heater	Seat cushion heater		Continuity
Connector	Terminal	Connector		
B632	1	B619	48	Existed

4. Check continuity between seatback heater harness connector and ground.

Seatbac	ck heater		Continuity
Connector	Terminal	Ground	Continuity
B632	1		Not existed

#### Is the inspection result normal?

YES >> Replace seatback trim. Refer to <u>SE-85, "SEATBACK: Disassembly and Assembly"</u>.

NO >> Replace seat cushion trim. Refer to <u>SE-90, "SEAT CUSHION: Disassembly and Assembly"</u>.

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### **HEATED SEAT DOES NOT OPERATE**

#### < SYMPTOM DIAGNOSIS >

## SYMPTOM DIAGNOSIS

### HEATED SEAT DOES NOT OPERATE

## Diagnosis Procedure

#### INFOID:0000000012797224

## 1. CHECK HEATED SEAT RELAY

Check heated seat relay.

Refer to SE-65, "Component Function Check".

### Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

## 2.CHECK SEAT CUSHION HEATER

#### Check seat cushion heater.

Refer to <u>SE-67</u>, "<u>DRIVER SIDE</u>: <u>Component Function Check</u>" (driver side) or <u>SE-68</u>, "<u>PASSENGER SIDE</u>: <u>Component Function Check</u>" (passenger side).

### Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

## 3. CHECK SEATBACK HEATER

#### Check seatback heater.

Refer to <u>SE-70</u>, "<u>DRIVER SIDE</u>: <u>Component Function Check</u>" (driver side) or <u>SE-70</u>, "<u>PASSENGER SIDE</u>: <u>Component Function Check</u>" (passenger side).

#### Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace the malfunctioning parts.

## f 4.REPLACE A/C AUTO AMP.

Replace A/C auto amp. Refer to HAC-137, "Removal and Installation".

#### Is the inspection result normal?

YES >> INSPECTION END

NO >> Check intermittent incident. Refer to GI-45, "Intermittent Incident".

### STEERING POSITION FUNCTION DOES NOT OPERATE

< SYMPTOM DIAGNOSIS >

STEERING POSITION FUNCTION DOES NOT OPERATE	
Diagnosis Procedure	INFOID:0000000012797225
1.CHECK AUTOMATIC DRIVE POSITIONER CONTROL UNIT POWER SUPPLY A	ND GROUND CIRCUIT
Check automatic drive positioner control unit power supply and ground circuit.  Refer to ADP-82, "AUTOMATIC DRIVE POSITIONER CONTROL UNIT: Diagnosis F	Procedure".
Is the inspection result normal?	
YES >> GO TO 2. NO >> Repair or replace the malfunctioning parts.	
2.CHECK TILT SWITCH	
Check tilt switch. Refer to ADP-92, "Component Function Check".	
Is the inspection result normal?	
YES >> GO TO 3.	
NO >> Repair or replace the malfunctioning parts.  3.CHECK TELESCOPIC SWITCH	
Check telescopic switch.	
Refer to ADP-94, "Component Function Check".	
Is the inspection result normal?	
YES >> GO TO 4. NO >> Repair or replace the malfunctioning parts.	
4.CHECK TILT SENSOR	
Check tilt sensor.	
Refer to <u>ADP-112</u> , "Component Function Check". <u>Is the inspection result normal?</u>	
YES >> GO TO 5.	
NO >> Repair or replace the malfunctioning parts.	
5. CHECK TELESCOPIC SENSOR	
Check telescopic sensor.  Refer to ADP-115, "Component Function Check".	
Is the inspection result normal?	
YES >> GO TO 6. NO >> Repair or replace the malfunctioning parts.	
6. REPLACE AUTOMATIC DRIVE POSITIONER CONTROL UNIT	
Replace automatic drive positioner control unit. Refer to ADP-153, "Removal and Inst	allation".
Is the inspection result normal?	
YES >> INSPECTION END NO >> GO TO 7.	
7. REPLACE DRIVER SEAT CONTROL UNIT	
Replace driver seat control unit. Refer to ADP-152, "Removal and Installation".	
Is the inspection result normal?	
YES >> INSPECTION END NO >> Check intermittent incident. Refer to GI-45, "Intermittent Incident".	
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### **TILT FUNCTION DOES NOT OPERATE**

### < SYMPTOM DIAGNOSIS >

### TILT FUNCTION DOES NOT OPERATE

### Diagnosis Procedure

INFOID:0000000012797226

## 1. CHECK TILT SWITCH

Check tilt switch.

Refer to ADP-92, "Component Function Check".

### Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

### 2. CHECK TILT MOTOR

Check tilt motor.

Refer to ADP-130, "Component Function Check".

### Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

### 3. CHECK TILT SENSOR

Check tilt sensor.

Refer to ADP-112, "Component Function Check".

### Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace the malfunctioning parts.

### 4. CONFIRM THE OPERATION

Confirm the operation again.

#### Is the inspection result normal?

YES >> Check intermittent incident. Refer to GI-45, "Intermittent Incident".

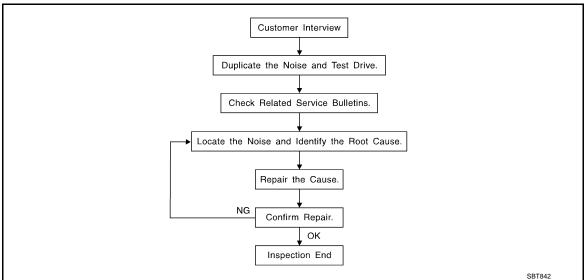
NO >> GO TO 1.

### **TELESCOPIC FUNCTION DOES NOT OPERATE**

< SYMPTOM DIAGNOSIS >	
TELESCOPIC FUNCTION DOES NOT OPERATE	А
Diagnosis Procedure	
1. CHECK TELESCOPIC SWITCH	В
Check telescopic switch.  Refer to ADP-94, "Component Function Check".	
Is the inspection result normal?	С
YES >> GO TO 2.  NO >> Repair or replace the malfunctioning parts.	
2.CHECK TELESCOPIC MOTOR	D
Check telescopic motor.  Refer to ADP-132, "Component Function Check".	Е
Is the inspection result normal?	_
YES >> GO TO 3.  NO >> Repair or replace the malfunctioning parts.	F
3.CHECK TELESCOPIC SENSOR	
Check telescopic sensor.  Refer to ADP-115, "Component Function Check".	G
Is the inspection result normal?  YES >> GO TO 4.	
NO >> Repair or replace the malfunctioning parts.	Н
4.CONFIRM THE OPERATION	
Confirm the operation again. <u>Is the inspection result normal?</u>	I
YES >> Check intermittent incident. Refer to GI-45, "Intermittent Incident".  NO >> GO TO 1.	SE
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**SE-75** Revision: November 2016 2016 Q50

Work Flow INFOID:000000012797228



### **CUSTOMER INTERVIEW**

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any of customer's comments; refer to <u>SE-80</u>, "<u>Diagnostic Worksheet</u>". This information is necessary to duplicate the conditions that exist when the noise occurs.

- The customer may not be able to provide a detailed description or the location of the noise. Attempt to obtain all the facts and conditions that exist when the noise occurs (or does not occur).
- If there is more than one noise in the vehicle, perform a diagnosis and repair the noise that the customer is concerned about. This can be accomplished by performing a cruise test on the vehicle with the customer.
- After identifying the type of noise, isolate the noise in terms of its characteristics. The noise characteristics
  are provided so the customer, service adviser and technician are all speaking the same language when
  defining the noise.
- Squeak (Like tennis shoes on a clean floor)
   Squeak characteristics include the light contact/fast movement/brought on by road conditions/hard surfaces
   higher pitch noise/softer surfaces = lower pitch noises/edge to surface = chirping
- Creak (Like walking on an old wooden floor)
   Creak characteristics include firm contact/slow movement/twisting with a rotational movement/pitch dependent on materials/often brought on by activity.
- Rattle (Like shaking a baby rattle)
   Rattle characteristics include the fast repeated contact/vibration or similar movement/loose parts/missing clip or fastener/incorrect clearance.
- Knock (Like a knock on a door)
  - Knock characteristics include hollow sounding/sometimes repeating/often brought on by driver action.
- Tick (Like a clock second hand)
   Tick characteristics include gentle contacting of light materials/loose components/can be caused by driver action or road conditions.
- Thump (Heavy, muffled knock noise)
   Thump characteristics include softer knock/dead sound often brought on by activity.
- Buzz (Like a bumblebee)
   Buzz characteristics include high frequency rattle/firm contact.
- Often the degree of acceptable noise level will vary depending up on the person. A noise that a technician
  may judge as acceptable may be very irritating to the customer.
- Weather conditions, especially humidity and temperature, may have a great effect on noise level.

#### DUPLICATE THE NOISE AND TEST DRIVE

If possible, drive the vehicle with the customer until the noise is duplicated. Note any additional information on the Diagnostic Worksheet regarding the conditions or location of the noise. This information can be used to duplicate the same conditions when the repair is reconfirmed.

SQUEAK AND RATTLE TROUBLE DIAGNOSES	
< SYMPTOM DIAGNOSIS >	
If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following:  1) Close a door.	A
<ul><li>2) Tap or push/pull around the area where the noise appears to be coming from.</li><li>3) Rev the engine.</li></ul>	
<ul> <li>4) Use a floor jack to recreate vehicle "twist".</li> <li>5) At idle, apply engine load (electrical load, half-clutch on M/T models, drive position on A/T models).</li> <li>6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.</li> <li>• Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.</li> </ul>	E
• If it is difficult to duplicate the noise, drive the vehicle slowly on an undulating or rough road to stress the vehicle body.	
CHECK RELATED SERVICE BULLETINS	
After verifying the customer concern or symptom, check ASIST for Technical Service Bulletins (TSBs) related to that concern or symptom.	
If a TSB relates to the symptom, follow the procedure to repair the noise.	Е
LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE	
1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis ear: J-39570, Engine ear and mechanics stethoscope).	F
2. Narrow down the noise to a more specific area and identify the cause of the noise by:	
<ul> <li>Removing the components in the area that is are suspected to be the cause of the noise.</li> <li>Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken or lost during the repair, resulting in the creation of new noise.</li> </ul>	(
• Tapping or pushing/pulling the component that is are suspected to be the cause of the noise.  Do not tap or push/pull the component with excessive force, otherwise the noise will be eliminated only tem-	-
<ul> <li>porarily.</li> <li>Feeling for a vibration by hand by touching the component(s) that is are suspected to be the cause of the noise.</li> </ul>	
<ul> <li>Placing a piece of paper between components that are suspected to be the cause of the noise.</li> <li>Looking for loose components and contact marks.</li> </ul>	
Refer to SE-78, "Inspection Procedure".	SI
REPAIR THE CAUSE	Ü
<ul> <li>If the cause is a loose component, tighten the component securely.</li> <li>If the cause is insufficient clearance between components:</li> <li>Separate components by repositioning or loosening and retightening the component, if possible.</li> <li>Insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape or ure-</li> </ul>	ŀ
thane tape. A Nissan Squeak and Rattle Kit (J-50397) is available through the authorized Nissan Parts Department.	L
CAUTION:  Never use excessive force as many components are constructed of plastic and may be damaged.	
NOTE:	
Always check with the Parts Department for the latest parts information.  The following materials are contained in the Nissan Squeak and Rattle Kit (J-50397). are listed on the inside cover of the kit, and can each be ordered separately as needed.	Λ
cover of the kit, and can each be ordered separately as needed.  URETHANE PADS [1.5 mm (0.059 in) thick] Insulates connectors, harness, etc.	1

76268-9E005:  $100 \times 135$  mm  $(3.94 \times 5.31 \text{ in})/76884-71L01$ :  $60 \times 85$  mm  $(2.36 \times 3.35 \text{ in})/76884-71L01$ 

71L02:15  $\times$  25 mm (0.59  $\times$  0.98 in)

INSULATOR (Foam blocks)

Insulates components from contact. Can be used to fill space behind a panel.

73982-9E000: 45 mm (1.77 in) thick,  $50 \times 50$  mm (1.97  $\times$  1.97 in)/73982-

50Y00: 10 mm (0.39 in) thick,  $50 \times 50$  mm (1.97  $\times$  1.97 in)

INSULATOR (Light foam block)

80845-71L00: 30 mm (1.18 in) thick, 30  $\times$  50 mm (1.18  $\times$  1.97in)

FELT CLOTHTAPE

Used to insulate where movement does not occur. Ideal for instrument panel applications.

68370-4B000: 15  $\times$  25 mm (0.59  $\times$  0.98 in) pad/68239-13E00: 5 mm (0.20 in) wide tape roll

The following materials, not found in the kit, can also be used to repair squeaks and rattles.

**UHMW (TEFLON) TAPE** 

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#### < SYMPTOM DIAGNOSIS >

Insulates where slight movement is present. Ideal for instrument panel applications.

SILICONE GREASE

Used in place of UHMW tape that is be visible or does not fit. Will only last a few months.

SILICONE SPRAY

Used when grease cannot be applied.

**DUCT TAPE** 

Used to eliminate movement.

#### CONFIRM THE REPAIR

Confirm that the cause of a noise is repaired by test driving the vehicle. Operate the vehicle under the same conditions as when the noise originally occurred. Refer to the notes on the Diagnostic Worksheet.

### Inspection Procedure

INFOID:0000000012797229

Refer to Table of Contents for specific component removal and installation information.

#### **INSTRUMENT PANEL**

Most incidents are caused by contact and movement between:

- 1. The cluster lid A and instrument panel
- Acrylic lens and combination meter housing
- 3. Instrument panel to front pillar garnish
- 4. Instrument panel to windshield
- 5. Instrument panel mounting pins
- 6. Wiring harnesses behind the combination meter
- 7. A/C defroster duct and duct joint

These incidents can usually be located by tapping or moving the components to duplicate the noise or by pressing on the components while driving to stop the noise. Most of these incidents can be repaired by applying felt cloth tape or silicon spray (in hard to reach areas). Urethane pads can be used to insulate wiring harness.

#### **CAUTION:**

Never use silicone spray to isolate a squeak or rattle. If the area is saturated with silicone, the recheck of repair becomes impossible.

#### **CENTER CONSOLE**

Components to pay attention to include:

- 1. Shifter assembly cover to finisher
- A/C control unit and cluster lid C
- 3. Wiring harnesses behind audio and A/C control unit

The instrument panel repair and isolation procedures also apply to the center console.

#### **DOORS**

Pay attention to the following:

- 1. Finisher and inner panel making a slapping noise
- Inside handle escutcheon to door finisher
- 3. Wiring harnesses tapping
- 4. Door striker out of alignment causing a popping noise on starts and stops

Tapping or moving the components or pressing on them while driving to duplicate the conditions can isolate many of these incidents. The areas can usually be insulated with felt cloth tape or insulator foam blocks from the Nissan Squeak and Rattle Kit (J-50397) to repair the noise.

#### **TRUNK**

Trunk noises are often caused by a loose jack or loose items put into the trunk by the customer. In addition look for the following:

- 1. Trunk lid dumpers out of adjustment
- Trunk lid striker out of adjustment
- 3. The trunk lid torsion bars knocking together
- 4. A loose license plate or bracket

#### < SYMPTOM DIAGNOSIS >

Most of these incidents can be repaired by adjusting, securing or insulating the item(s) or component(s) causing the noise.

#### SUNROOF/HEADLINING

Noises in the sunroof/headlining area can often be traced to one of the following:

- Sunroof lid, rail, linkage or seals making a rattle or light knocking noise
- Sunvisor shaft shaking in the holder
- 3. Front or rear windshield touching headlining and squeaking

Again, pressing on the components to stop the noise while duplicating the conditions can isolate most of these incidents. Repairs usually consist of insulating with felt cloth tape.

SEATS

When isolating seat noise it's important to note the position the seats in and the load placed on the seat when the noise occurs. These conditions should be duplicated when verifying and isolating the cause of the noise. Cause of seat noise include:

- Headrest rods and holder
- 2. A squeak between the seat pad cushion and frame
- 3. The rear seatback lock and bracket

These noises can be isolated by moving or pressing on the suspected components while duplicating the conditions under which the noise occurs. Most of these incidents can be repaired by repositioning the component or applying urethane tape to the contact area.

UNDERHOOD

Some interior noise may be caused by components under the hood or on the engine wall. The noise is then transmitted into the passenger compartment.

Causes of transmitted underhood noise include:

- 1. Any component mounted to the engine wall
- 2. Components that pass through the engine wall
- Engine wall mounts and connectors
- 4. Loose radiator mounting pins
- 5. Hood bumpers out of adjustment
- Hood striker out of adjustment

These noises can be difficult to isolate since they cannot be reached from the interior of the vehicle. The best method is to secure, move or insulate one component at a time and test drive the vehicle. Also, engine RPM or load can be changed to isolate the noise. Repairs can usually be made by moving, adjusting, securing, or insulating the component causing the noise.

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< SYMPTOM DIAGNOSIS >

### Diagnostic Worksheet

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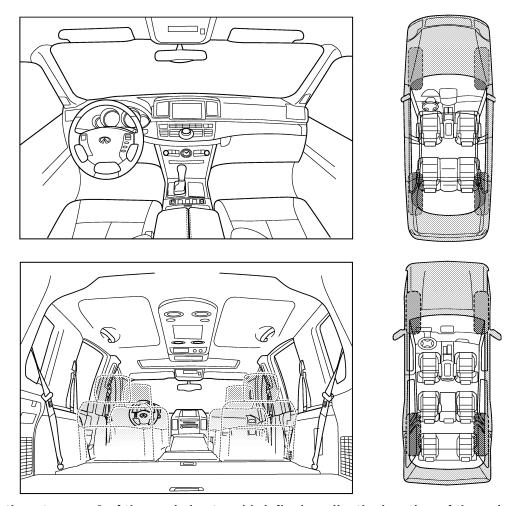
# SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

#### Dear Infiniti Customer:

We are concerned about your satisfaction with your Infiniti vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your Infiniti right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked to take a test drive with a service consultant or technician to ensure we confirm the noise you are hearing.

### I. WHERE DOES THE NOISE COME FROM? (circle the area of the vehicle)

The illustrations are for reference only, and may not reflect the actual configuration of your vehicle.



Continue to page 2 of the worksheet and briefly describe the location of the noise or rattle. In addition, please indicate the conditions which are present when the noise occurs.

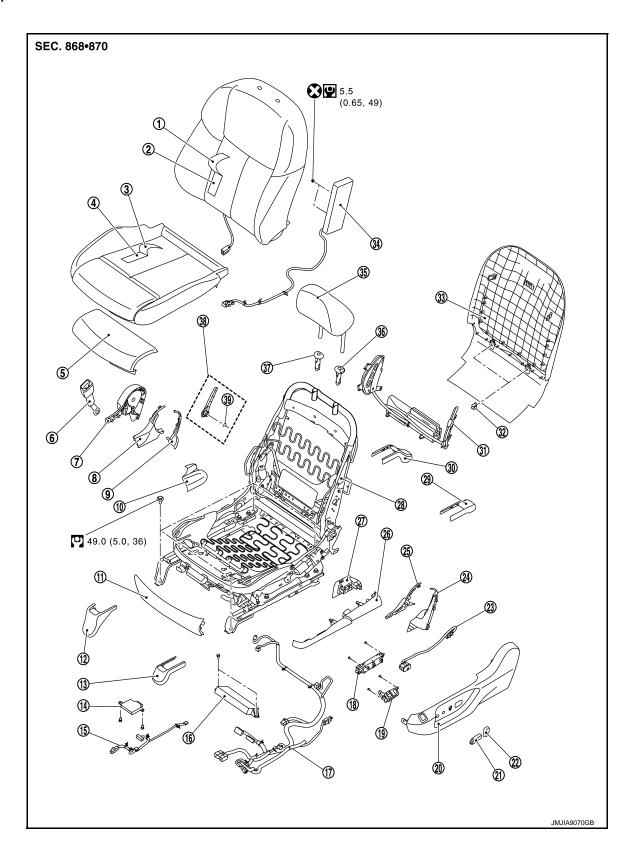
II. WHEN DOES IT OCCUR? (please	check the boxes that apply)
anytime	after sitting out in the rain
1st time in the morning	when it is raining or wet
only when it is cold outside	dry or dusty conditions
only when it is hot outside	other:
III. WHEN DRIVING:	IV. WHAT TYPE OF NOISE
☐ through driveways	squeak (like tennis shoes on a clean floor)
over rough roads	creak (like walking on an old wooden floor)
over speed bumps	rattle (like shaking a baby rattle)
only about mph	knock (like a knock at the door)
on acceleration	tick (like a clock second hand)
coming to a stop	thump (heavy, muffled knock noise)
on turns: left, right or either (circle)	buzz (like a bumble bee)
with passongers or cargo	
☐ with passengers or cargo	
other:	 minutes
	minutes
other: miles or	
other: miles or  TO BE COMPLETED BY DEALERSH	
other: miles or  TO BE COMPLETED BY DEALERSH	
other: miles or  TO BE COMPLETED BY DEALERSH	
other: miles or  TO BE COMPLETED BY DEALERSH	HIP PERSONNEL
other: miles or  TO BE COMPLETED BY DEALERSH	
□ other: □ after driving □ miles or □ TO BE COMPLETED BY DEALERSH	HIP PERSONNEL  YES NO Initials of person
□ other: □ after driving □ miles or □ TO BE COMPLETED BY DEALERSH	HIP PERSONNEL  YES NO Initials of person
other: after driving miles or  TO BE COMPLETED BY DEALERSH Test Drive Notes:  Vehicle test driven with customer	HIP PERSONNEL  YES NO Initials of person
other: after driving miles or  TO BE COMPLETED BY DEALERSH Test Drive Notes:  Vehicle test driven with customer - Noise verified on test drive	YES NO Initials of person performing
other:  after driving miles or  TO BE COMPLETED BY DEALERSH  Test Drive Notes:  Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired	YES NO Initials of person performing

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# REMOVAL AND INSTALLATION

### **FRONT SEAT**

Exploded View



#### < REMOVAL AND INSTALLATION >

Seatback trim Seatback pad Seat cushion trim (1) (2) (3) Seat cushion pad Forward pad Seat belt buckle Seat cushion inside finisher inner Seat cushion outside finisher inner Seat cushion inside finisher inner (9) side front side rear side Seat cushion lowside finisher inner Seat cushion forward finisher Front leg cover inner side (12)10 11) side Occupant detection system control Front leg cover outer side ODS harness connector (14)Driver seat control unit Power seat switch (17) Harness assembly (18) Seat cushion outside finisher outer Side support switch Slide knob 20 (21) Seat cushion inside finisher outer Reclining knob Lumber support switch (23) 24) side rear Seat cushion inside finisher outer Seat cushion inside finisher outer Seat cushion outside finisher outer (25) 26 27) side front side lower side lower Seat frame 29 Rear leg cover outer side Rear leg cover inner side (30)

M-clip

Headrest

Lumber lever

: Always replace after every disassembly.

: N·m (kg-m, in-lb)

: N·m (kg-m, ft-lb)

### Removal and Installation

side support assembly

Side air bag assembly

Headrest holder (free)

**DANGER:** 

 Before disconnect, push ignition switch OFF, disconnect battery negative terminal and then wait for at least 3 minutes (discharges electricity held in the additional power supply circuit of the air bag diagnosis sensor unit).

(33)

(36)

(39)

Seatback board

Snap ring

Headrest holder (lock)

- Never use air tools or electric tools for servicing (prevents the air bag diagnosis sensor unit from activating unexpectedly due to vibration).
- Always work from the side of air bag module. Never work in front of it.
- To prevent accidental explosion, never insert any objects (screwdriver) into the side air bag module harness connector (for prevention of accidental activation of the inflator due to static electricity).

### CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

### REMOVAL

- Remove headrest. 1.
- Slide seat to the frontmost position.
- Remove rear leg cover.

Outer side

: Pawl

Disengage rear leg cover fixing pawls, and then remove rear leg cover.

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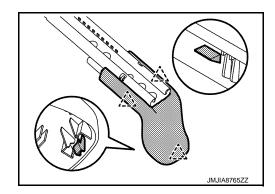
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<sup>\*:</sup> Tighten together with seat belt buckle and tongue. Refer to SB-8, "Exploded View".

Inner side



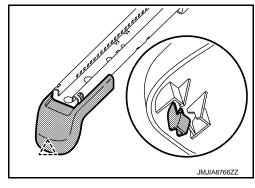


- 4. Remove front seat rear fixing bolts.
- 5. Slide seat to the rearmost position.
- 6. Remove front leg cover.

Disengage front leg cover fixing pawl, and then remove front leg cover.

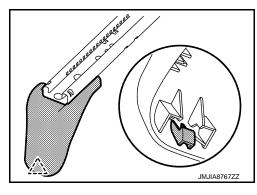
Outer side





Inner side





- 7. Remove front seat front fixing bolts.
- 8. Disconnect seat cushion lower harness connector, and harness fixing clips.

### **WARNING:**

Before disconnect, turn ignition switch OFF, disconnect battery negative terminal and then wait for at least 3 minutes (discharges electricity held in the additional power supply circuit of the air bag diagnosis sensor unit).

### **CAUTION:**

Before performing removal operation, check the installation position of harness connectors and harness fixing clamps.

### NOTE:

When removing the seat cushion or seat cushion finisher, move the seat lifter to the highest level.

9. Remove front seat from the vehicle.

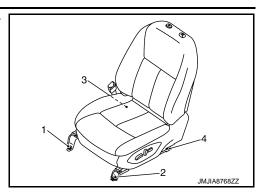
#### INSTALLATION

Note the following item, and then install in the reverse order of removal.

**CAUTION:** 

### < REMOVAL AND INSTALLATION >

. When installing, tighten fixing bolts according to the numerical order  $1 \rightarrow 4$  indicated by arrows as shown in the figure, starting from front inner fixing bolt.



SEATBACK

**SEATBACK**: Disassembly and Assembly

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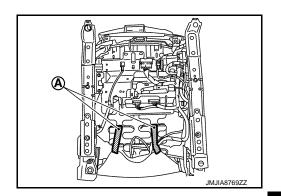
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#### **CAUTION:**

When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

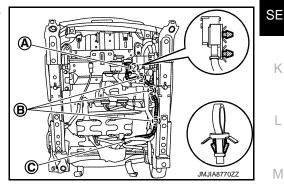
#### DISASSEMBLY

Disengage seatback board fixing rubber band (A).



2. Disengage side air bag harness connector fixing clips (A), harness clips (B) and cut cable tie (C).

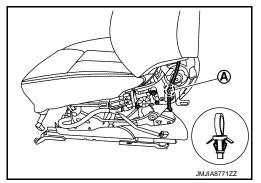
: Clip



3. Remove seat cushion outside finisher outer side. Refer to SE-92, "SEAT CUSHION FINISHER: Removal and Installation".

Disengage side air bag harness clip (A).

: Clip



Remove seatback board.

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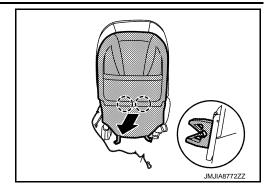
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### < REMOVAL AND INSTALLATION >

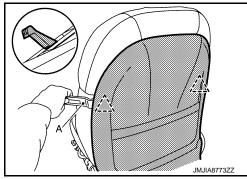
Disengage seatback board fixing M-clips.



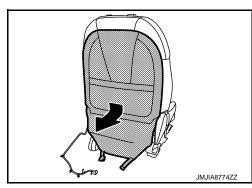


Disengage seatback board fixing pawls using a remover tool (A).

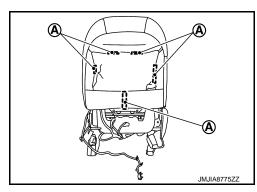




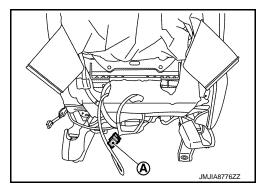
Remove seatback board to pull down.



Disengage seatback retainer (A).

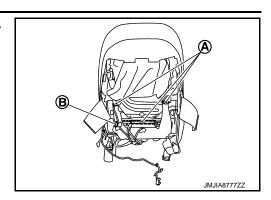


Disconnect seat heater harness connector (A).



### < REMOVAL AND INSTALLATION >

8. Disengage seatback retainer (A) and hook-and-loop fastener (B).

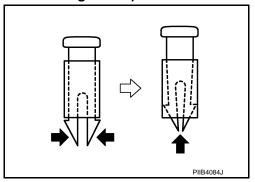


Remove headrest holder.

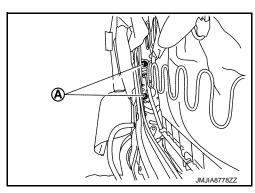
#### **CAUTION:**

Before installing headrest holder check its orientation (front / rear and right / left).

Remove the headrest holder by raising it while pinching the pawls from the bottom of the headrest holder.

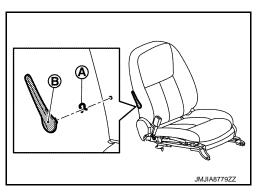


10. Remove side air bag fixing nuts (A).



11. Remove lumber lever (manual only).

Remove snap ring (A), and then remove lumber lever (B).



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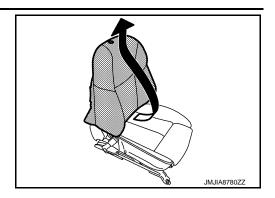
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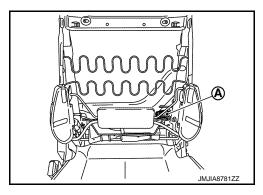
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### < REMOVAL AND INSTALLATION >

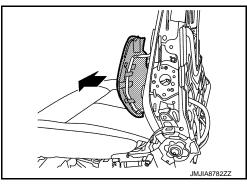
12. Remove seatback trim and seatback pad as a set.



- 13. Remove side support assembly (if equipped).
- a. Disconnect side support assembly harness connector (A).

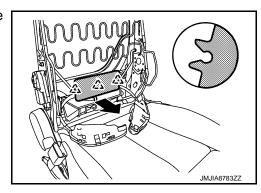


b. Remove side support pad.

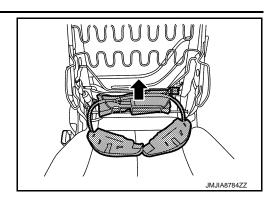


c. Disengage lumber support pad fixing pawls, and then remove lumber support pad.





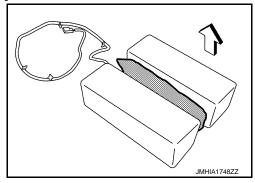
Remove side support assembly.



- 14. Separate seatback trim and seatback pad.
- Remove side air bag assembly.

#### CAUTION:

- Note how the part is installed for reference during assembly.
- To prevent accidental explosion, always place the driver air bag module with deploying direction facing upward.
  - : Deploying direction



- To prevent damage to the parts, never impact the side air bag module.
- Replace the side air bag module if it is dropped or sustains an impact.



- To prevent accidental explosion, never insert any foreign objects (screwdriver, etc.) into the side air bag module.
- To prevent accidental explosion, never disassemble the side air bag module.
- To prevent accidental explosion, never expose the side air bag module to temperature of more than 90°C (194°F).
- To prevent damage to the parts, never allow oil, grease, detergent, or water to come in contact with the side air bag module.
- b. Remove hog rings, and then separate seatback trim and seatback pad.

### CAUTION:

Before performing separating operation, check the installation position of hog rings.

#### ASSEMBLY

Note the following items, and then assemble in the reverse order of disassembly.

### **CAUTION:**

- For hog ring that is removed or crimped unsuccessfully, fix it by using a new hog ring. (Never reuse hog ring.)
- Always install the hog rings in position.
- When installing the side air bag, check that the inner cloth (reinforcement cloth) is not caught in bolt hole.

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### **SEAT CUSHION**

SEAT CUSHION: Disassembly and Assembly

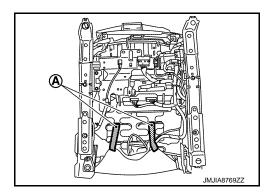
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#### **CAUTION:**

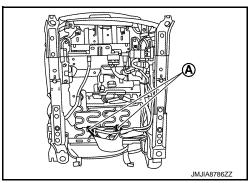
When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

### **DISASSEMBLY**

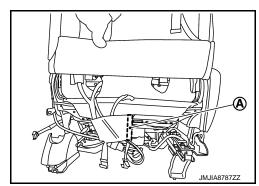
1. Disengage seatback board fixing rubber band (A).



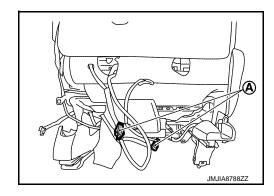
2. Disengage seat cushion trim fixing rubber band (A).



- 3. Remove seat cushion outside finisher outer side. Refer to <u>SE-92, "SEAT CUSHION FINISHER: Removal and Installation"</u>
- 4. Disengage seat cushion trim fixing hook-and-loop fastener (A).

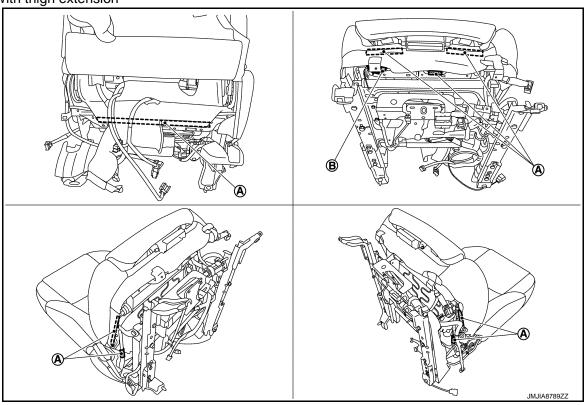


Disconnect seat heater harness connector (A).

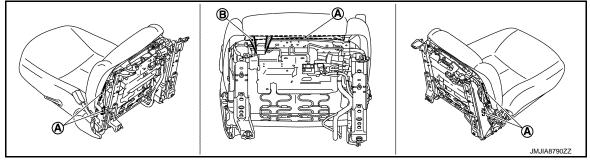


6. Disengage seat cushion retainer (A) and rubber band (B).

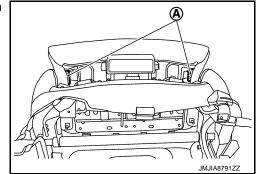
• With thigh extension



• Without thigh extension



- 7. Remove seat cushion retainer of thigh extension portion (with thigh extension only).
- a. Extend thigh extension.
- b. Remove seat cushion retainer (A), and then roll up seat cushion trim and thigh extension pad as a set.



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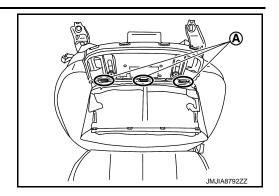
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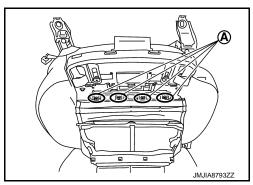
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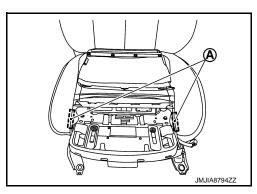
c. Disengage seat cushion trim fixing portion (A).



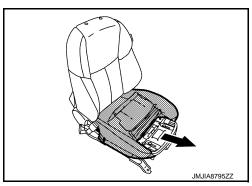
d. Disengage seat cushion trim fixing portion (A).



e. Remove seat cushion retainer (A).



8. Remove seat cushion trim and seat cushion pad as a set.



Remove hog rings, and then separate seat cushion trim and seat cushion pad. CAUTION:

Before performing separating operation, check the installation position of hog rings.

**ASSEMBLY** 

Assemble in the reverse order of disassembly.

SEAT CUSHION FINISHER

SEAT CUSHION FINISHER: Removal and Installation

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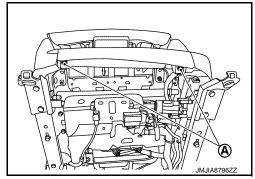
SEAT CUSHION FORWARD FINISHER

Removal

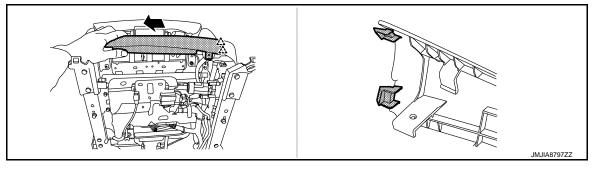
### **CAUTION:**

When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

1. Remove seat cushion forward finisher fixing screws (A).



2. Slide the seat cushion forward finisher, disengage seat cushion forward finisher fixing pawls, and then remove seat cushion forward finisher.



八 : Pawl

Installation

Install in the reverse order of removal.

### SEAT CUSHION INSIDE FINISHER

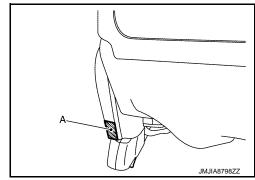
Removal

### **CAUTION:**

When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

SEAT CUSHION INSIDE FINISHER (OUTER SIDE / INNER SIDE) REAR

1. Apply protective tape (A) on the parts to protect it from damage.



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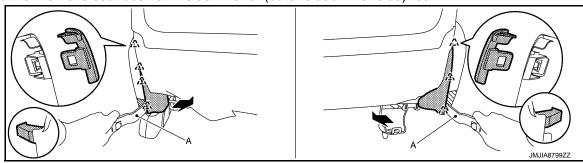
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### < REMOVAL AND INSTALLATION >

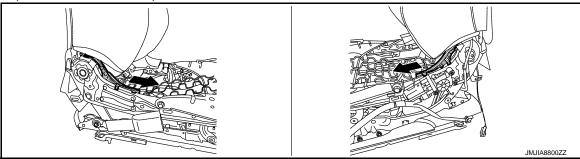
2. Disengage seat cushion inside finisher (outer side / inner side) rear fixing pawls using a remover tool (A), and then remove seat cushion inside finisher (outer side / inner side) rear.





### SEAT CUSHION INSIDE FINISHER (OUTER SIDE / INNER SIDE) FRONT

- 1. Remove seat cushion. Refer to SE-90, "SEAT CUSHION: Disassembly and Assembly".
- 2. Remove seat cushion outside finisher inner side (seat cushion inside finisher inner side front only).
- Pull seat cushion inside finisher (outer side / inner side) front, and then remove seat cushion inside finisher (outer side / inner side) front.



#### Installation

Install in the reverse order of removal.

### SEAT CUSHION OUTSIDE FINISHER

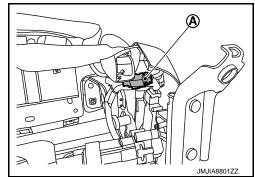
#### Removal

#### **CAUTION:**

When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

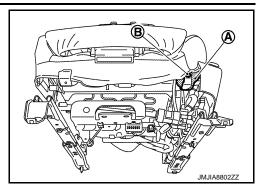
#### SEAT CUSHION OUTSIDE FINISHER OUTER SIDE

- 1. Remove seat cushion forward finisher.
- 2. Disconnect side support harness connector (A) (with side support only).



### < REMOVAL AND INSTALLATION >

3. Remove seat cushion trim fixing rubber band (A), and then remove seat cushion outside finisher outer side fixing screw (B).



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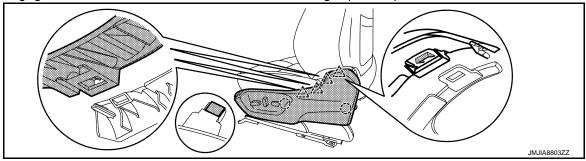
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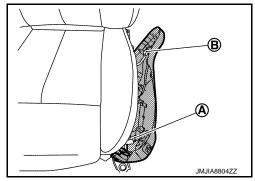
4. Remove seat cushion inside finisher outer side rear.

5. Disengage seat cushion outside finisher outer side fixing clips and pawls.



( ) : Clip
∴ : Pawl

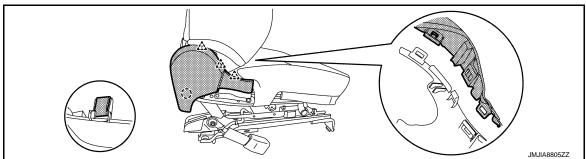
6. Disconnect harness connector (A), (B) (if equipped), and then remove seat cushion outside finisher outer side.



#### SEAT CUSHION OUTSIDE FINISHER INNER SIDE

1. Remove seat cushion inside finisher inner side rear.

Disengage seat cushion outside finisher inner side fixing clip and pawls, and then remove seat cushion outside finisher inner side.



( ̅) :Clip ╭^、:Pawl

### < REMOVAL AND INSTALLATION >

Installation

Install in the reverse order of removal.

#### LOWER FINISHER

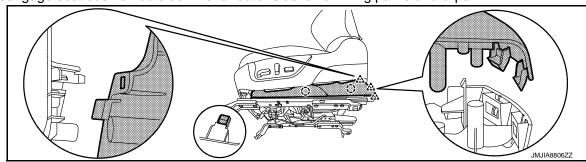
Removal

### **CAUTION:**

When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

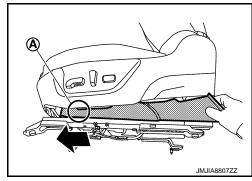
SEAT CUSHION OUTSIDE FINISHER OUTER SIDE LOWER

1. Disengage seat cushion outside finisher outer side lower fixing pawls and clips.



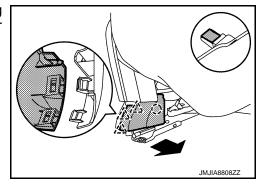
( ) : Clip

2. Slide the fixing portion (A) of seat cushion outside finisher outer side lower, and then remove seat cushion outside finisher outer side lower.



### SEAT CUSHION INSIDE FINISHER OUTER SIDE LOWER

 Disengage seat cushion inside finisher outer side lower fixing clip and pawls, and then remove seat cushion inside finisher outer side lower.

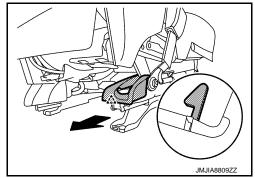


SEAT CUSHION LOWSIDE FINISHER INNER SIDE

### < REMOVAL AND INSTALLATION >

 Disengage seat cushion lowside finisher inner side fixing pawls by pull, and then remove seat cushion lowside finisher inner side.





Installation

Install in the reverse order of removal.

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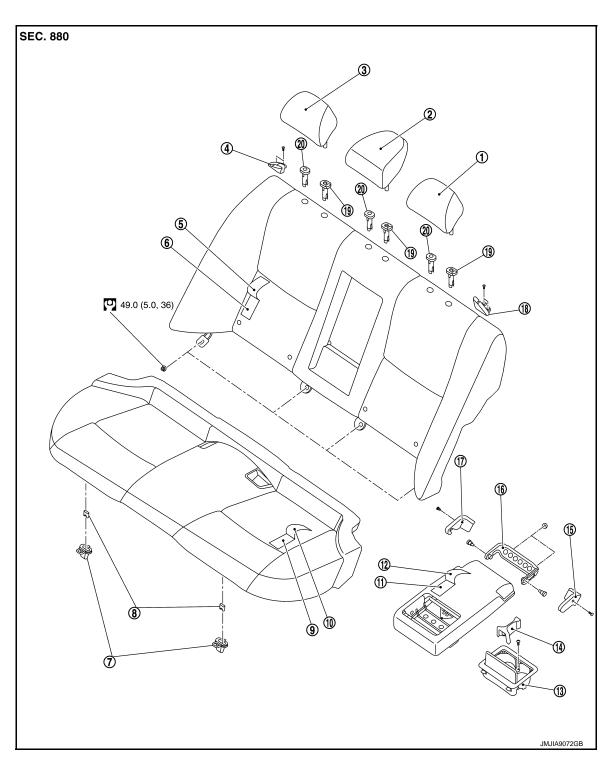
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Exploded View



- (1) Headrest LH
- (4) Seat belt hook RH
- (7) Seat cushion hook
- (10) Seat cushion trim
- (13) Cup holder
- (16) Hinge bracket

- (2) Headrest center
- Seatback trim
- 8 Hook cover
- 11) Armrest pad
- (4) Cup holder spacer
- 17) Hinge cover RH

- (3) Headrest RH
- 6 Seatback pad
- 9 Seat cushion pad
- (2) Armrest trim
- (15) Hinge cover LH
- (18) Seat belt hook LH

### < REMOVAL AND INSTALLATION >

(19) Headrest holder (lock)

@ Headrest holder (free)

: N-m (kg-m, ft-lb)

### ARMREST

ARMREST: Removal and Installation

INFOID:0000000012797237

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#### **CAUTION:**

When removing and installing, use shop cloths to protect parts from damage.

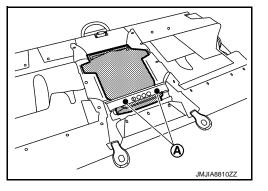
### **REMOVAL**

- 1. Remove seatback. Refer to SE-101, "SEATBACK: Removal and Installation".
- 2. Remove armrest trim fixing hog rings.

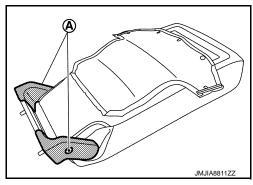
#### **CAUTION:**

Before performing separating operation, check the installation position of hog rings.

3. Remove armrest fixing nuts (A), and then remove armrest.



Remove hinge cover fixing clips (A), and then remove hinge covers.



#### **INSTALLATION**

Note the following items, and then install in the reverse order of removal.

#### **CAUTION:**

- · For hog ring that is removed or crimped unsuccessfully, fix it by using a new hog ring. (Never reuse hog ring.)
- Always install the hog rings in position.

ARMREST: Disassembly and Assembly

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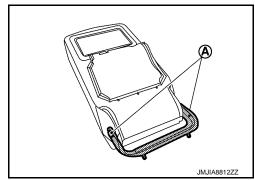
DISASSEMBLY

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**SE-99** Revision: November 2016 2016 Q50

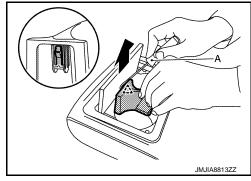
### < REMOVAL AND INSTALLATION >

1. Remove hinge bracket fixing bolts (A), and then remove hinge bracket.



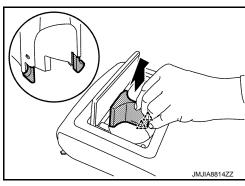
- 2. Remove cup holder.
- a. Disengage cup holder spacer fixing pawls by pull up while push cup holder spacer fixing pawl using a pic tool (A).



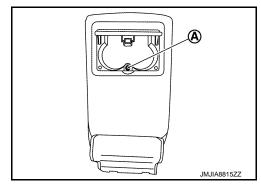


b. Disengage cup holder spacer fixing pawls, and then remove cup holder spacer.

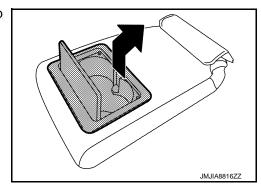




c. Remove cup holder fixing screw (A).

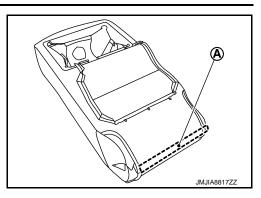


d. Pull up cup holder of vehicle rear side, and then remove cup holder.



### < REMOVAL AND INSTALLATION >

3. Disengage armrest trim fixing retainer (A), and then separate armrest trim and armrest pad.



**ASSEMBLY** 

Assemble in the reverse order of disassembly.

SEAT CUSHION

SEAT CUSHION: Removal and Installation

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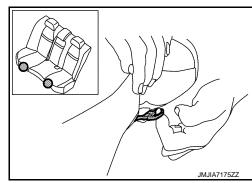
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**CAUTION:** 

When removing and installing, use shop cloths to protect parts from damage.

REMOVAL

1. Lift up seat cushion while pulling a seat cushion hook levers, and then disengage seat cushion hook.



2. Remove seat cushion from vehicle.

INSTALLATION

Install in the reverse order of removal.

SEAT CUSHION: Disassembly and Assembly

INFOID:0000000012797240

DISASSEMBLY

Remove hog lings, and then separate seat cushion trim and seat cushion pad.

CAUTION:

Before performing separating operation, check the installation position of hog rings.

**ASSEMBLY** 

Note the following items, and then assemble in the reverse order of disassembly.

**CAUTION:** 

• For hog ring that is removed or crimped unsuccessfully, fix it by using a new hog ring. (Never reuse hog ring.)

Always install the hog rings in position.

SEATBACK

SEATBACK: Removal and Installation

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**CAUTION:** 

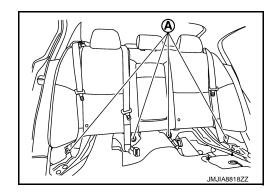
When removing and installing, use shop cloths to protect parts from damage.

**REMOVAL** 

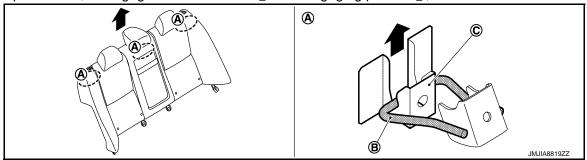
Revision: November 2016 **SE-101** 2016 Q50

### < REMOVAL AND INSTALLATION >

- 1. Remove seat cushion. Refer to SE-101, "SEAT CUSHION: Removal and Installation".
- 2. Remove seat belt from seat belt hook.
- 3. Remove seatback fixing nuts (A).



4. Lift up seatback, disengage seatback frame ® from engaging portion ©, and then remove seatback.



### **INSTALLATION**

Note the following item, and then install in the reverse order of removal.

#### CAUTION:

When installing, temporarily tighten all fixing bolts, and then tighten bolts to specified torque.

SEATBACK: Disassembly and Assembly

INFOID:0000000012797242

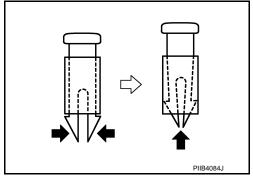
### DISASSEMBLY

- Remove armrest. Refer to <u>SE-99</u>, "ARMREST: Removal and Installation".
- 2. Remove headrest holder.

#### **CAUTION:**

Before installing headrest holder check its orientation (front/ rear and right/ left).

Use pincers, etc., to press up pawls as shown by the arrows in the figure, and remove headrest holder from seatback.



3. Remove hog rings, and then separate seatback trim and seatback pad.

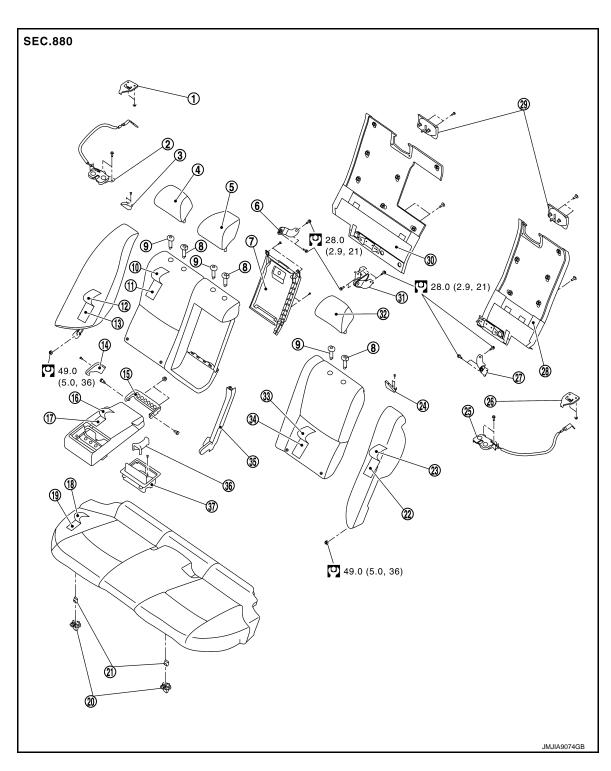
Before performing separating operation, check the installation position of hog rings.

### **ASSEMBLY**

Note the following items, and then assemble in the reverse order of disassembly. **CAUTION:** 

- For hog ring that is removed or crimped unsuccessfully, fix it by using a new hog ring. (Never reuse hog ring.)
- Always install the hog rings in position.

Exploded View



- (1) Cable bracket RH
- 4 Headrest RH
- Seatback lid
- Seatback trim RH
- Seatback side pad RH
- (16) Armrest trim

- 2 Seat lock RH
- 6 Headrest center
- 8 Headrest holder (lock)
- Seatback pad RH
- 14) Hinge cover RH
- (17) Armrest pad

- (3) Seat belt hook RH
- 6 Seatback hinge RH
- (9) Headrest holder (free)
- Seatback side trim RH
- Hinge bracket
- (18) Seat cushion trim

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### < REMOVAL AND INSTALLATION >

- (19) Seat cushion pad
- 2 Seatback side pad LH
- 25) Seat lock LH
- (28) Seatback board LH
- (31) Seatback hinge center
- (34) Seatback pad LH
- 37) Cup holder
- : N·m (kg-m, ft-lb)

- Seat cushion hook
- 23 Seatback side trim LH
- 26 Cable bracket LH
- 29 Striker cover
- 32 Headrest LH
- (35) Armrest escutcheon

- (21) Hook cover
- (24) Seat belt hook LH
- ② Seatback hinge LH
- ③ Seatback board RH
- Seatback trim LH
- 36 Cup holder spacer

### **ARMREST**

### ARMREST: Removal and Installation

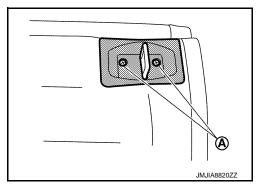
INFOID:0000000012797244

#### **CAUTION:**

When removing and installing, use shop cloths to protect parts from damage.

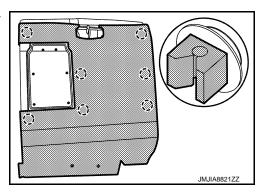
### **REMOVAL**

- Remove seatback board.
- Remove striker cover fixing screws (A), and then remove striker cover.

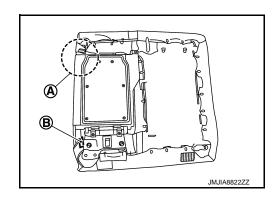


b. Disengage seatback board fixing clips, and then remove seatback board.



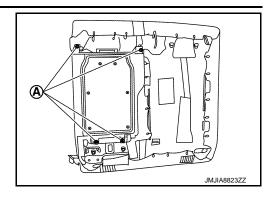


- 2. Remove seatback lid.
- a. Disengage seatback trim (A) and retainer (B).



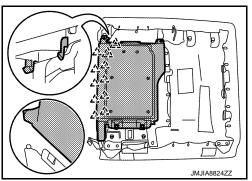
### < REMOVAL AND INSTALLATION >

b. Remove seatback lid fixing screws (A).

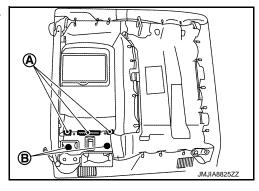


 Disengage seatback trim fixing pawls, and then remove seatback lid.

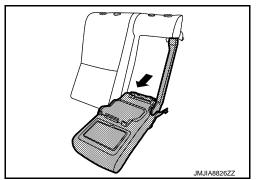




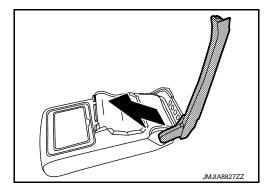
3. Remove armrest trim fixing retainer (A) and armrest fixing nuts (B).



4. Pull armrest, and then remove armrest and armrest escutcheon as a set.



5. Remove armrest escutcheon.



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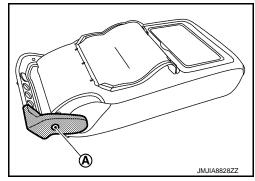
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### < REMOVAL AND INSTALLATION >

6. Remove hinge cover.

Remove hinge cover fixing clip (A), and then remove hinge cover.



### **INSTALLATION**

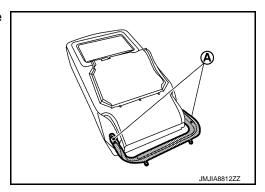
Install in the reverse order of removal.

### ARMREST: Disassembly and Assembly

INFOID:0000000012797245

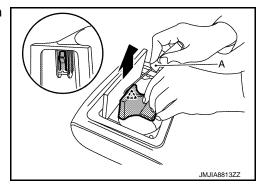
### **DISASSEMBLY**

1. Remove hinge bracket fixing bolts (A), and then remove hinge bracket.



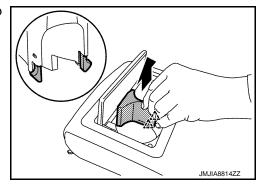
- 2. Remove cup holder.
- a. Disengage cup holder spacer fixing pawls by pull up while push cup holder spacer fixing pawl using a pic tool (A).





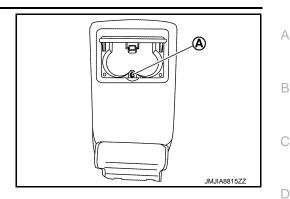
b. Disengage cup holder spacer fixing pawls, and then remove cup holder spacer.



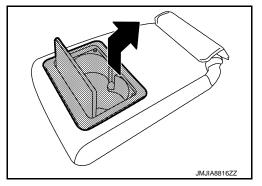


### < REMOVAL AND INSTALLATION >

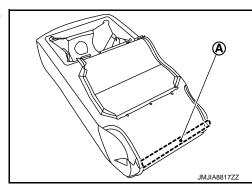
c. Remove cup holder fixing screw (A).



d. Pull up cup holder of vehicle rear side, and then remove cup holder.



3. Disengage armrest trim fixing retainer (A), and then separate armrest trim and armrest pad.



**ASSEMBLY** 

Assemble in the reverse order of disassembly.

SEATBACK

SEATBACK: Removal and Installation

INFOID:0000000012797246

#### CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

**REMOVAL** 

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### Seatback

### **CAUTION:**

Never remove seat cushion during seatback removal and installation to prevent dirt on the seatback.

1. Pull the strap to fold seatback down.

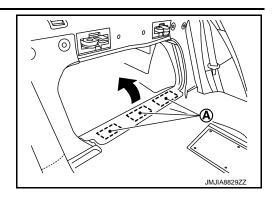
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Revision: November 2016 **SE-107** 2016 Q50

### < REMOVAL AND INSTALLATION >

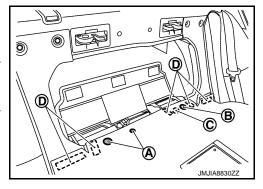
2. Disengage hook-and-loop fastener (A) for trunk floor carpet.

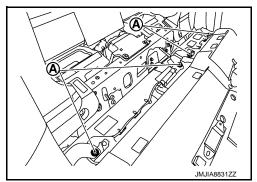


- 3. Roll up trim for seatback board.
- a. Remove clips
  - RH side

Remove seatback board trim fixing clips (A), and then disengage hook-and-loop fastener (D).

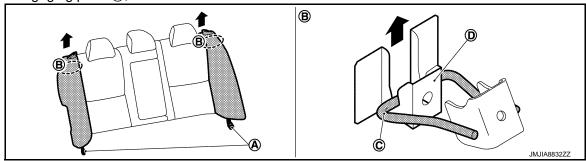
- LH side
   Remove seatback board trim fixing clips 
   B, and then disengage hook-and-loop fastener 
   D, clip 
   C.
- b. Further roll up the trim, and disengage hook-and-loop fastener, to expose seatback fixing bolts.
- 4. Remove seatback fixing bolts (A), and then remove seatback.





#### Seatback side

- 1. Remove seat cushion. Refer to <u>SE-110, "SEAT CUSHION: Removal and Installation"</u>.
- 2. Remove seat belt from seat belt hook.
- Remove seatback side fixing nut (A), and then lift up seatback side, disengage seatback side frame (C) from engaging point (D), remove seatback side.



### **INSTALLATION**

Note the following item, and then install in the reverse order of removal.

#### **CAUTION:**

When installing, temporarily tighten all fixing bolts, and then tighten bolts to specified torque.

### < REMOVAL AND INSTALLATION >

### **SEATBACK**: Disassembly and Assembly

INFOID:0000000012797247

### DISASSEMBLY

#### Seatback RH

- 1. Remove armrest. Refer to SE-104, "ARMREST: Removal and Installation".
- 2. Remove hog rings.

### **CAUTION:**

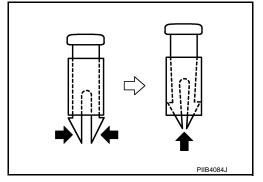
Before performing separating operation, check the installation position of hog rings.

3. Remove headrest holder.

#### **CAUTION:**

Before installing headrest holder check its orientation (Front/rear and right/left).

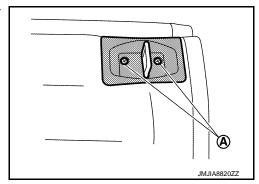
Remove the headrest holder by raising it while pinching the pawls from the bottom of the headrest holder.



Separate seatback trim and seatback pad.

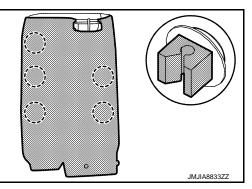
#### Seatback LH

- 1. Remove seatback board.
- Remove striker cover fixing screws (A), and then remove striker cover.



 Disengage seatback board fixing clips, and then remove seatback board.

( ) : Clip



2. Remove headrest holder.

### **CAUTION:**

Before installing headrest holder check its orientation (Front/rear and right/left).

Revision: November 2016 **SE-109** 2016 Q50

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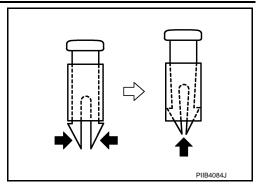
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### < REMOVAL AND INSTALLATION >

Remove the headrest holder by raising it while pinching the pawls from the bottom of the headrest holder.

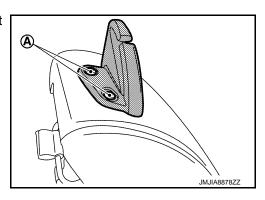


Remove hog rings, and then separate seatback trim and seatback pad. CAUTION:

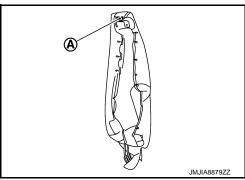
Before performing separating operation, check the installation position of hog rings.

#### Seatback side

 Remove seat belt hook fixing screws (A), and then remove seat belt hook.



2. Disengage seatback side trim fixing retainer (A).



Remove hog rings, and then separate seatback side trim and seatback side pad. CAUTION:

Before performing separating operation, check the installation position of hog rings.

### **ASSEMBLY**

Note the following items, and then assemble in the reverse order of disassembly.

### **CAUTION:**

- For hog ring that is removed or crimped unsuccessfully, fix it by using a new hog ring. (Never reuse hog ring.)
- Always install the hog rings in position.

SEAT CUSHION

SEAT CUSHION: Removal and Installation

INFOID:0000000012797248

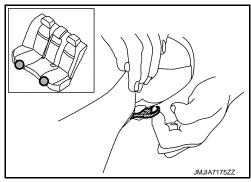
### **CAUTION:**

When removing and installing, use shop cloths to protect parts from damage.

**REMOVAL** 

### < REMOVAL AND INSTALLATION >

1. Lift up seat cushion while pulling a seat cushion hook levers, and then disengage seat cushion hook.



2. Remove seat cushion from vehicle.

#### INSTALLATION

Install in the reverse order of removal.

SEAT CUSHION: Disassembly and Assembly

INFOID:0000000012797249

### DISASSEMBLY

Remove hog lings, and then separate seat cushion trim and seat cushion pad.

#### **CAUTION:**

Before performing separating operation, check the installation position of hog rings.

#### ASSEMBLY

Note the following items, and then assemble in the reverse order of disassembly.

#### **CAUTION:**

- For hog ring that is removed or crimped unsuccessfully, fix it by using a new hog ring. (Never reuse hog ring.)
- · Always install the hog rings in position.

SEATBACK HINGE

SEATBACK HINGE: Removal and Installation

INFOID:0000000012797250

#### REMOVAL

- 1. Remove seatback Refer to SE-101, "SEATBACK: Removal and Installation".
- 2. Remove seatback hinge fixing bolts, and then remove seatback hinge.

#### **INSTALLATION**

Note the following item, and then install in the reverse order of removal.

### **CAUTION:**

When installing, temporarily tighten all fixing bolts, and then tighten bolts to specified torque.

### SEAT LOCK

SEAT LOCK: Removal and Installation

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#### REMOVAL

- 1. Remove trunk upper finisher. Refer to INT-54, "TRUNK UPPER FINISHER: Removal and Installation".
- 2. Pull down cable, and then remove cable.

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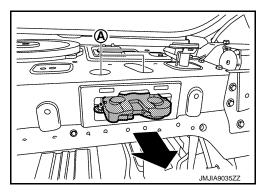
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Revision: November 2016 **SE-111** 2016 Q50

### < REMOVAL AND INSTALLATION >

- Remove rear parcel shelf finisher. Refer to <u>INT-37, "Removal and Installation"</u>.
- 4. Remove center seat belt retractor (RH side only). Refer to <u>SB-14, "SEAT BELT RETRACTOR: Removal and Installation".</u>
- 5. Remove seat lock fixing bolts (A), and then remove seat lock.



### **INSTALLATION**

Note the following item, and then install in the reverse order of removal.

#### **CAUTION:**

When installing, temporarily tighten all fixing bolts, and then tighten bolts to specified torque.

### CHILD SEAT ANCHOR

**Exploded View** 

SEC. 880 **(A)** B 28.0 (2.9, 21)28.0 (2.9, 21) JMJJA9076GB

- (1) Tether anchorage plate
- ISO FIX bracket RH outside
- ISO FIX bracket LH outside
- : N·m (kg-m, ft-lb)

- Tether anchorage spacer
- ISO FIX bracket RH inside
- Lock washer
- ISO FIX bracket LH inside

### TETHER ANCHOR PLATE

### TETHER ANCHOR PLATE: Removal and Installation

- Remove rear parcel shelf finisher. Refer to INT-37, "Removal and Installation".
- Remove tether anchorage plate fixing bolt, and then remove tether anchorage plate.

### **INSTALLATION**

**REMOVAL** 

Note the following item, and then install in the reverse order of removal. **CAUTION:** 

When installing, temporarily tighten all fixing bolts, and then tighten fixing bolts to specified torque.

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### **CHILD SEAT ANCHOR**

### < REMOVAL AND INSTALLATION >

### ISO FIX BRACKET

### ISO FIX BRACKET: Removal and Installation

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### **REMOVAL**

- Remove seat back.
   Bench seat: Refer to <u>SE-101. "SEATBACK: Removal and Installation"</u>.
   Separate seat: Refer to SE-107, "SEATBACK: Removal and Installation".
- 2. Remove seatback hinge LH/RH (separate seat only). Refer to <u>SE-111, "SEATBACK HINGE : Removal and Installation"</u>.
- 3. Remove ISO FIX bracket fixing bolt and then remove ISO FIX bracket.

### **INSTALLATION**

Install in the reverse order of removal.

### **POWER SEAT SWITCH**

### < REMOVAL AND INSTALLATION >

### POWER SEAT SWITCH

### Removal and Installation

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### **REMOVAL**

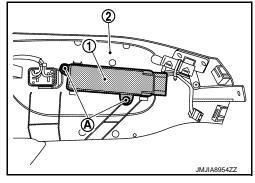
#### **CAUTION:**

When removing and installing, use shop cloths to protect parts from damage.

- 1. Remove front seat. Refer to SE-83, "Removal and Installation".
- 2. Remove seat cushion outside finisher outer side. Refer to <u>SE-92, "SEAT CUSHION FINISHER : Removal and Installation"</u>.
- 3. Disconnect power seat switch connector.
- 4. Remove power seat switch mounting screws (A).
- Remove power seat switch ① from seat cushion outer finisher
   ②.

#### NOTE:

The same procedure is also performed for passenger side.



#### **INSTALLATION**

Install in the reverse order of removal.

#### **CAUTION:**

Always clamp the harness to the right place.

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### **LUMBAR SUPPORT SWITCH**

### < REMOVAL AND INSTALLATION >

### **LUMBAR SUPPORT SWITCH**

### Removal and Installation

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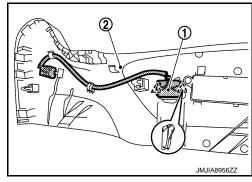
### **REMOVAL**

#### **CAUTION:**

When removing and installing, use shop cloths to protect parts from damage.

- 1. Remove front seat. Refer to SE-83, "Removal and Installation".
- 2. Remove seat cushion outside finisher outer side. Refer to <u>SE-92, "SEAT CUSHION FINISHER: Removal and Installation"</u>.
- 3. Disconnect the lumbar support switch connector.
- 4. Disengage the fixing pawls, and then remove lumbar support switch ① from seat cushion outer finisher ②.





### **INSTALLATION**

Install in the reverse order of removal.

#### **CAUTION:**

Always clamp the harness to the right place.

### SIDE SUPPORT SWITCH

### < REMOVAL AND INSTALLATION >

### SIDE SUPPORT SWITCH

### Removal and Installation

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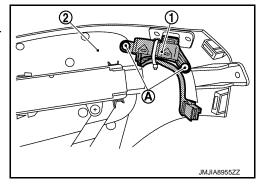
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### **REMOVAL**

#### **CAUTION:**

When removing and installing, use shop cloths to protect parts from damage.

- Remove front seat. Refer to <u>SE-83, "Removal and Installation"</u>.
- 2. Remove seat cushion outside finisher outer side. Refer to <u>SE-92, "SEAT CUSHION FINISHER: Removal and Installation".</u>
- 3. Disconnect the side support switch connector.
- 4. Remove the side support switch mounting screws (A).
- 5. Remove side support switch ① from the seat cushion outer finisher ②.



### **INSTALLATION**

Install in the reverse order of removal.

#### **CAUTION:**

Always clamp the harness to the right place.

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