SECTION SE
SEAT

CONTENTS

PRECAUTION

PRECAUTIONS

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

INFOID:0000000009237789

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

WARNING:

Always observe the following items for preventing accidental activation.

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

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

WARNING:

Always observe the following items for preventing accidental activation.

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

Service Notice

INFOID:0000000009237791

- 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

INFOID:0000000009237792

- 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.

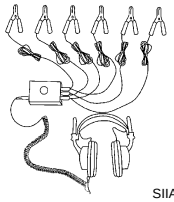
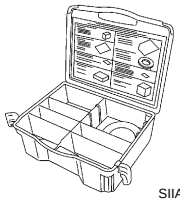
PREPARATION

PREPARATION

Special Service Tool

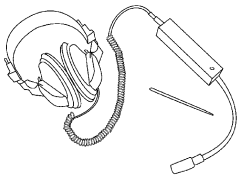
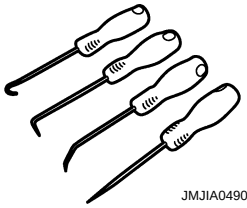
INFOID:0000000009237793

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

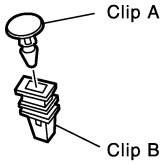
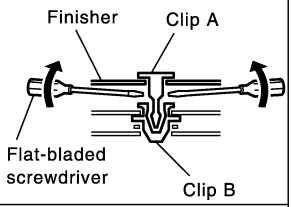
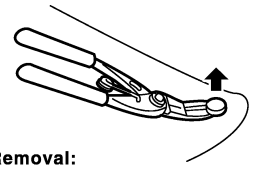
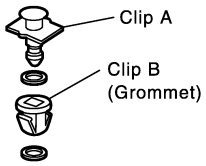
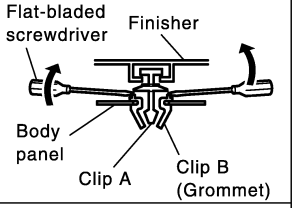
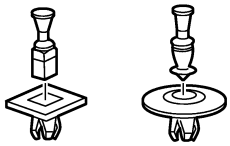
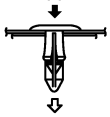
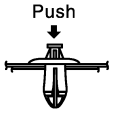
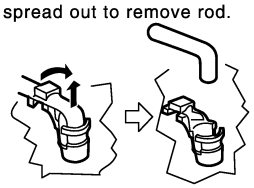
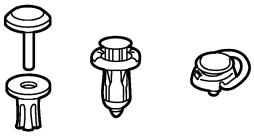
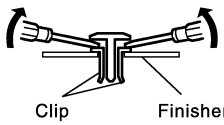
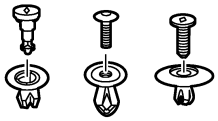
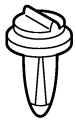
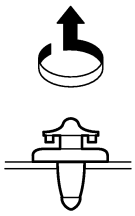
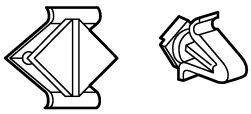
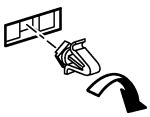
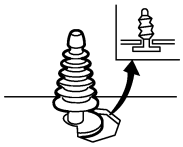
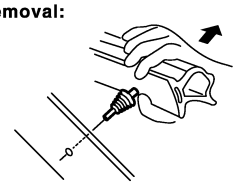
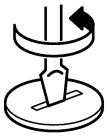
INFOID:0000000009237794

Tool name		Description
Engine ear	 SIIA0995E	Locates the noise
Hook amd pick tool	 JMJIA0490ZZ	Remove the snap pins

CLIP LIST

Clip List

INFOID:0000000009237795

Shapes	Removal & Installation	Shapes	Removal & Installation
	**Removal:** Remove by bending up with flat-bladed screwdrivers or clip remover. 		**Removal:** 
	 **Removal:** Remove with a clip remover.		**Removal:** 
	**Removal:** Push center pin to catching position. (Do not remove center pin by hitting it.)  **Installation:** 		**Removal:** Holder portion of clip must be spread out to remove rod. 
	**Removal:** Remove by bending up with flat-bladed screwdrivers or clip remover. 		**Removal:** 1. Screw out with a Phillips screwdriver. 2. Remove female portion with flat-bladed screwdriver. 
	**Removal:** 		**Removal:**  **Removal:**  **Installation:** 
	**Removal:** 		**Removal:** 

JMJIA3734GB

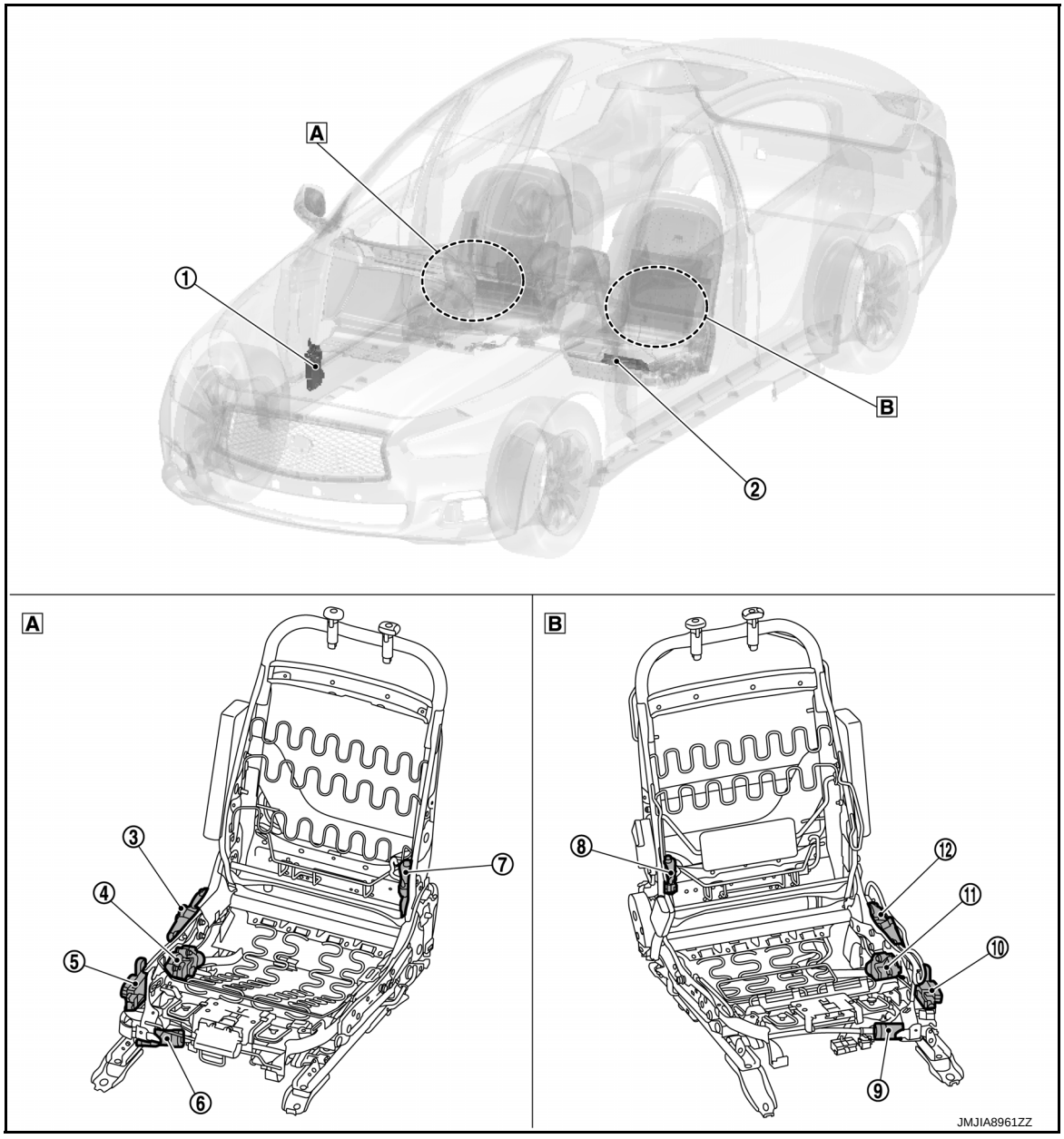
SYSTEM DESCRIPTION

COMPONENT PARTS

POWER SEAT SYSTEM

POWER SEAT SYSTEM : Component Parts Location

INFOID:0000000009641300



A Passenger side

B Driver side

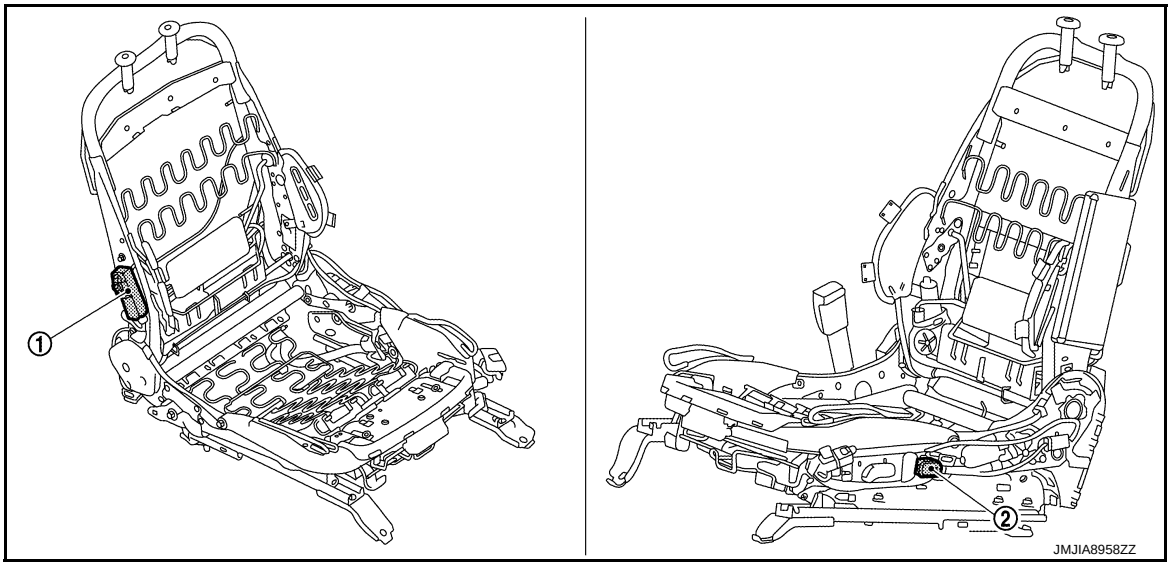
No.	Component	Function
①	BCM	Supplies at all times the power received from battery to power seat switch.
②	Driver seat control unit	Operate the specific seat motor with the signal from power seat switch.
③	Lifting motor (rear) (passenger side)	• Lifting motor (rear) is installed to seat frame assembly.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

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

LUMBAR SUPPORT SYSTEM

LUMBAR SUPPORT SYSTEM : Component Parts Location

INFOID:0000000009641301

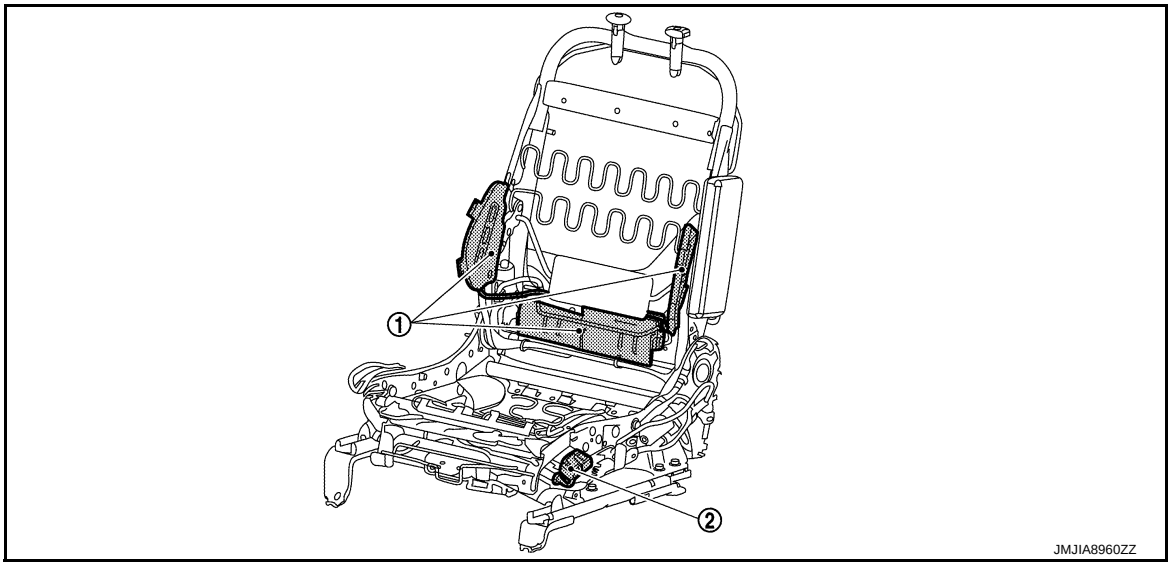


No.	Component	Function
①	Lumbar support motor	With the power supplied to lumbar support switch, operates the forward and backward movement of seatback support.
②	Lumbar support switch	Refer to SE-13, "Lumbar Support Switch".

SIDE SUPPORT SYSTEM

SIDE SUPPORT SYSTEM : Component Parts Location

INFOID:0000000009641302

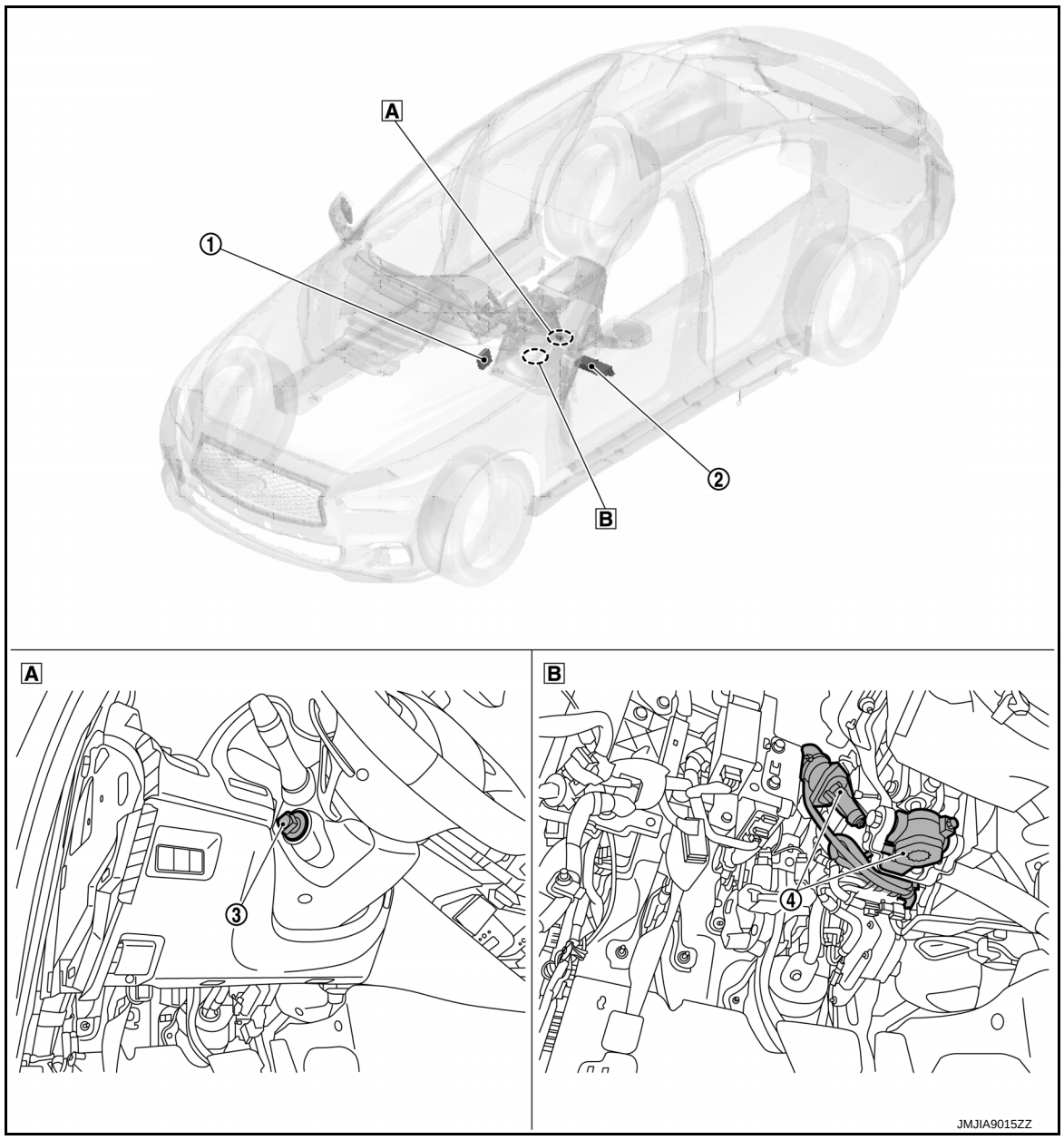


No.	Component	Function
①	Side support assembly	Built-in side support pump, side support valve and side support, and operates when pressing ON/OFF on side support switch.
②	Side support switch	Refer to SE-13, "Side Support Switch".

TILT & TELESCOPIC SYSTEM

TILT & TELESCOPIC SYSTEM : Component Parts Location

INFOID:0000000009641303



A View with steering column cover lower

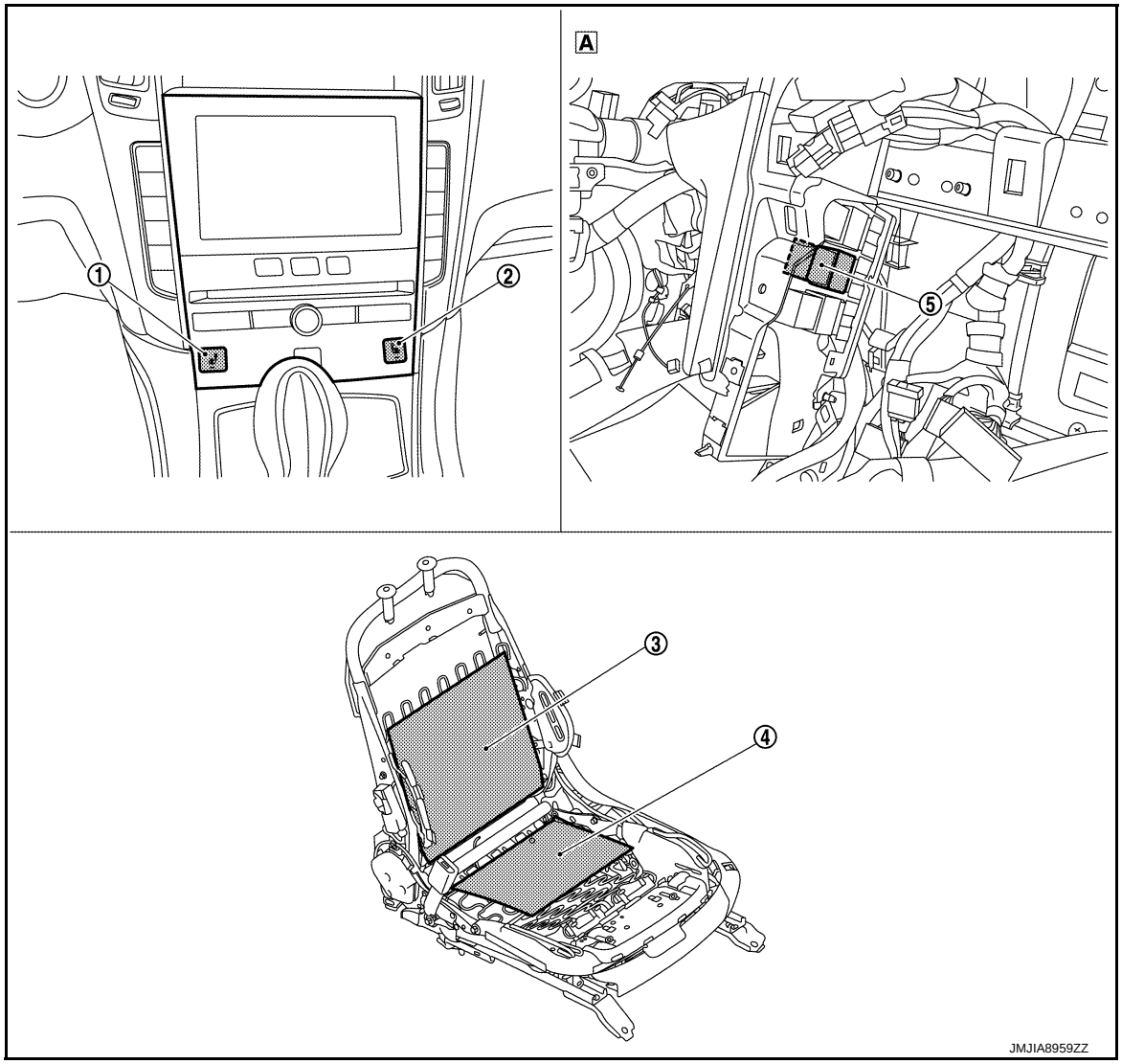
B View with steering column cover lower and instrument lower cover LH removed

No.	Component	Function
①	Automatic drive positioner control unit	• It communicates with driver seat control unit via UART communication. • Perform the controls of tilt & telescopic motor.
②	Driver seat control unit	• It communicates with automatic drive positioner control unit via UART communication. • Requests the operation of tilt & telescopic motor to automatic drive positioner control unit.
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

HEATED SEAT SYSTEM : Component Parts Location

INFOID:0000000009641304



A View with AV control unit or NAVI control unit removed

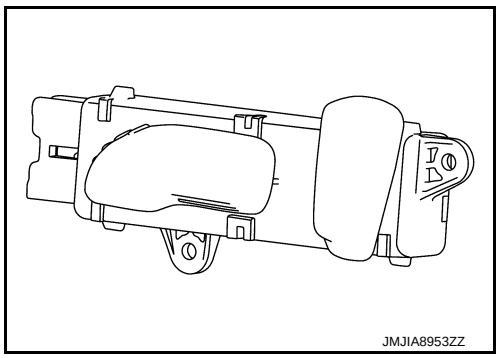
No.	Component	Function
①	Integral switch (heated seat switch LH)	Adjusts heated seat temperature and activates heated seat system. Refer to AV-14, "Component Parts Location" for detailed installation location.
②	Integral switch (heated seat switch RH)	
③	Seatback heater	• Warms seatback. • Contains heat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

Power Seat Switch

INFOID:0000000009641305

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

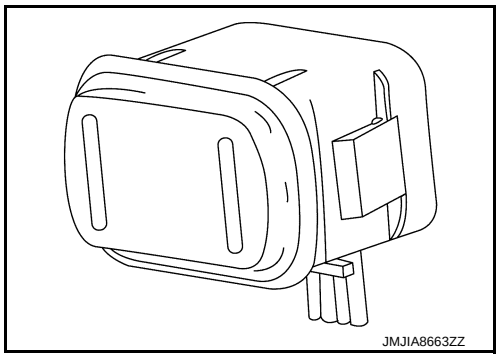
- Installed on seat cushion outer finisher.



Lumbar Support Switch

INFOID:0000000009641306

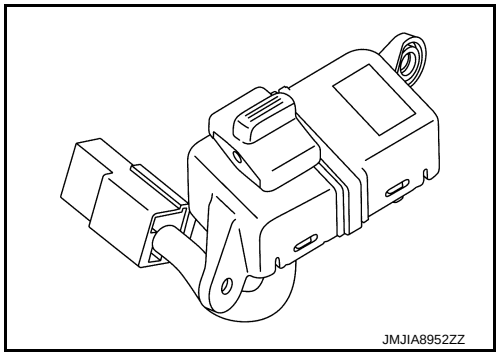
- Controls the power supplied to lumbar support motor.
- Installed on seat cushion outer finisher (driver side).



Side Support Switch

INFOID:0000000009641307

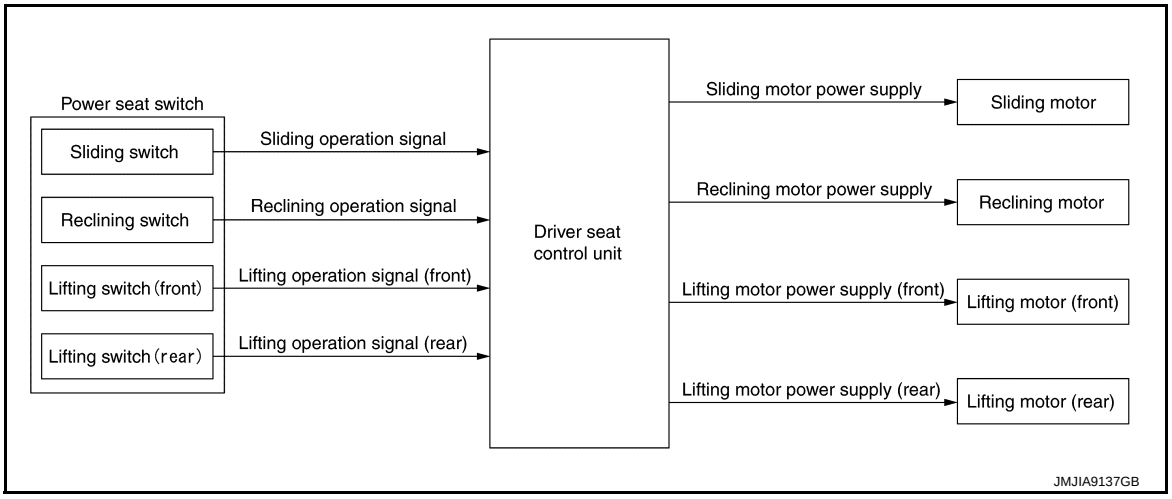
- Controls the power supplied to side support assembly.
- Installed on seat cushion outer finisher (driver side).



SYSTEM
POWER SEAT SYSTEM
POWER SEAT SYSTEM : System Description

INFOID:0000000009641308

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

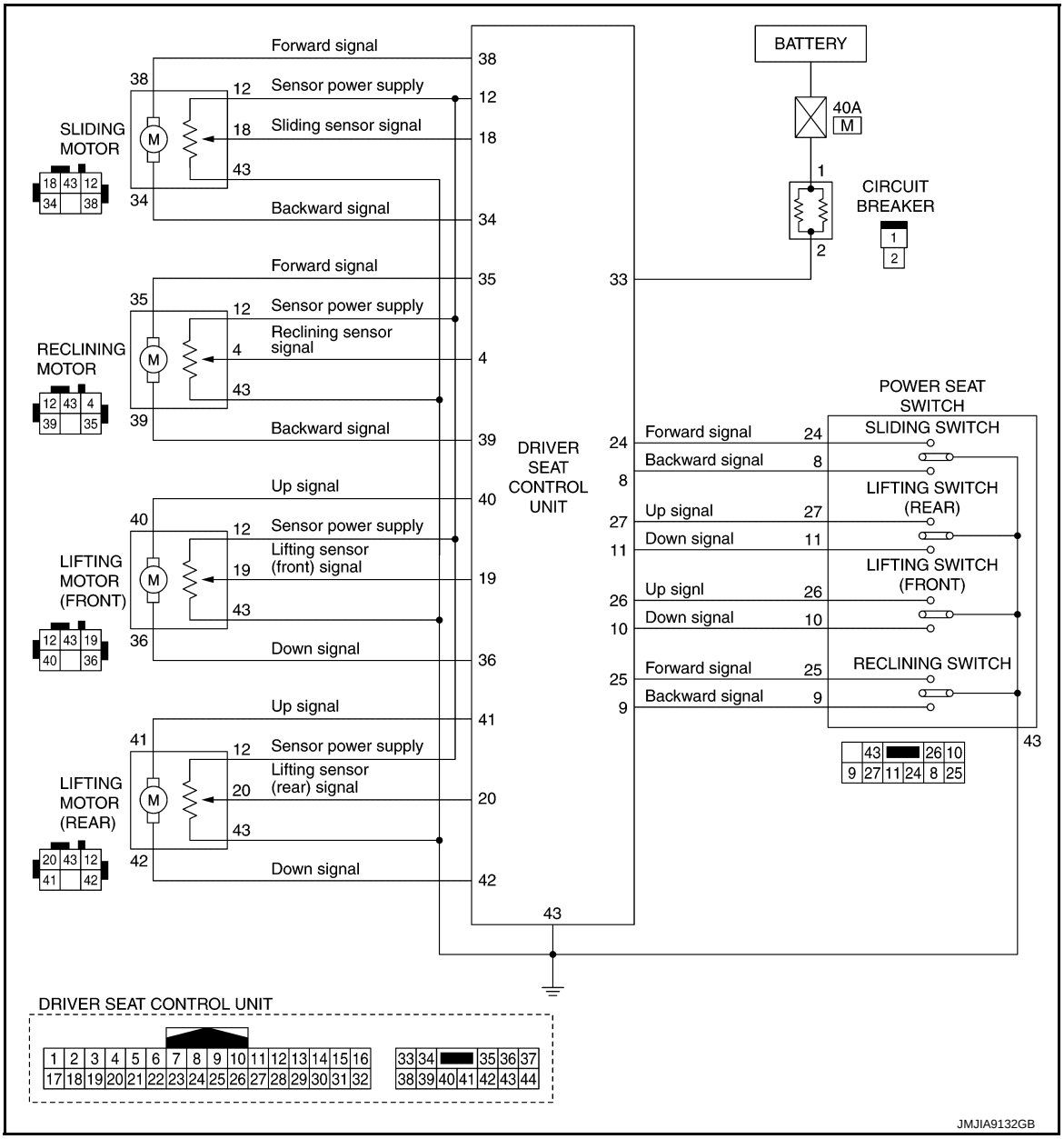
While operating the reclining switch located in power seat switch, reclining motor operates and makes possible the seat back forward and backward position adjustment.

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.

POWER SEAT SYSTEM : Circuit Diagram

INFOID:0000000009726300



LUMBAR SUPPORT SYSTEM

LUMBAR SUPPORT SYSTEM : System Description

INFOID:0000000009641309

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:0000000009641310

DESCRIPTION

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

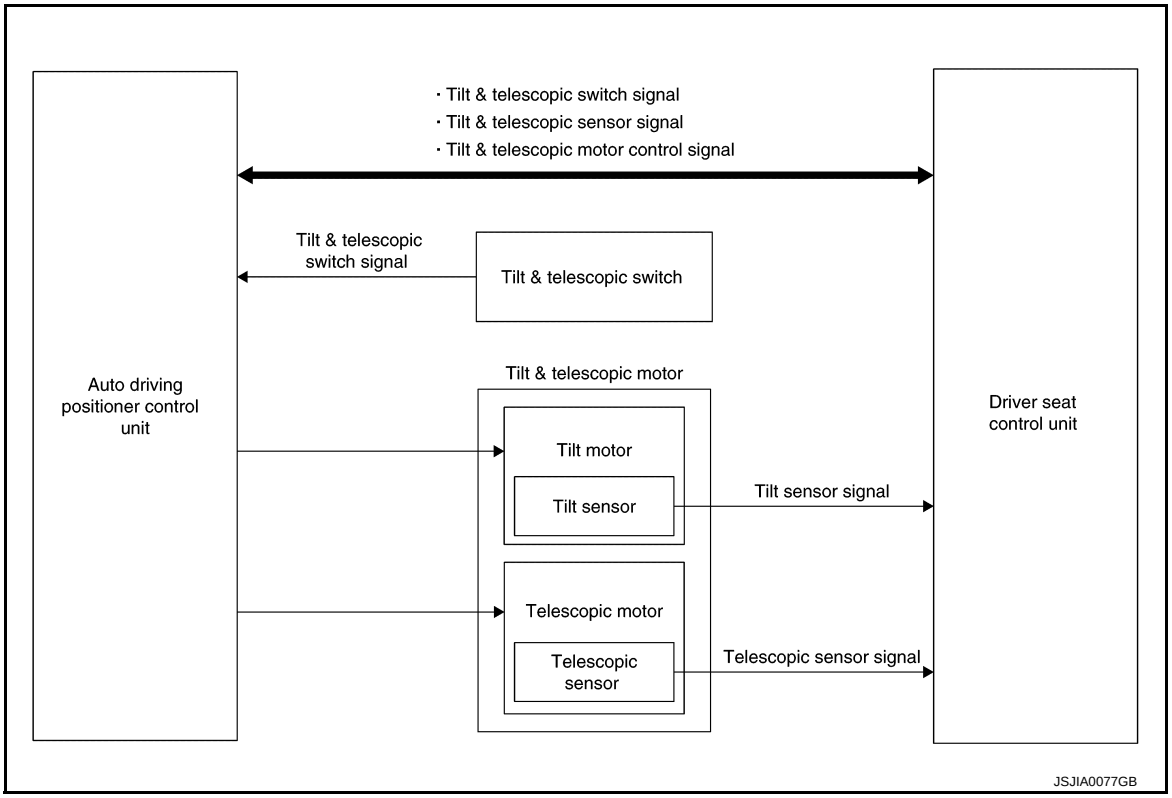
- It is possible to soften the side support, by allowing some air to escape, by deflating the solenoid located inside side support.
- It is possible to adjust seatback differently while inflating or deflating solenoid located in side support assembly.

TILT & TELESCOPIC SYSTEM

TILT & TELESCOPIC SYSTEM : System Description

INFOID:0000000009641311

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

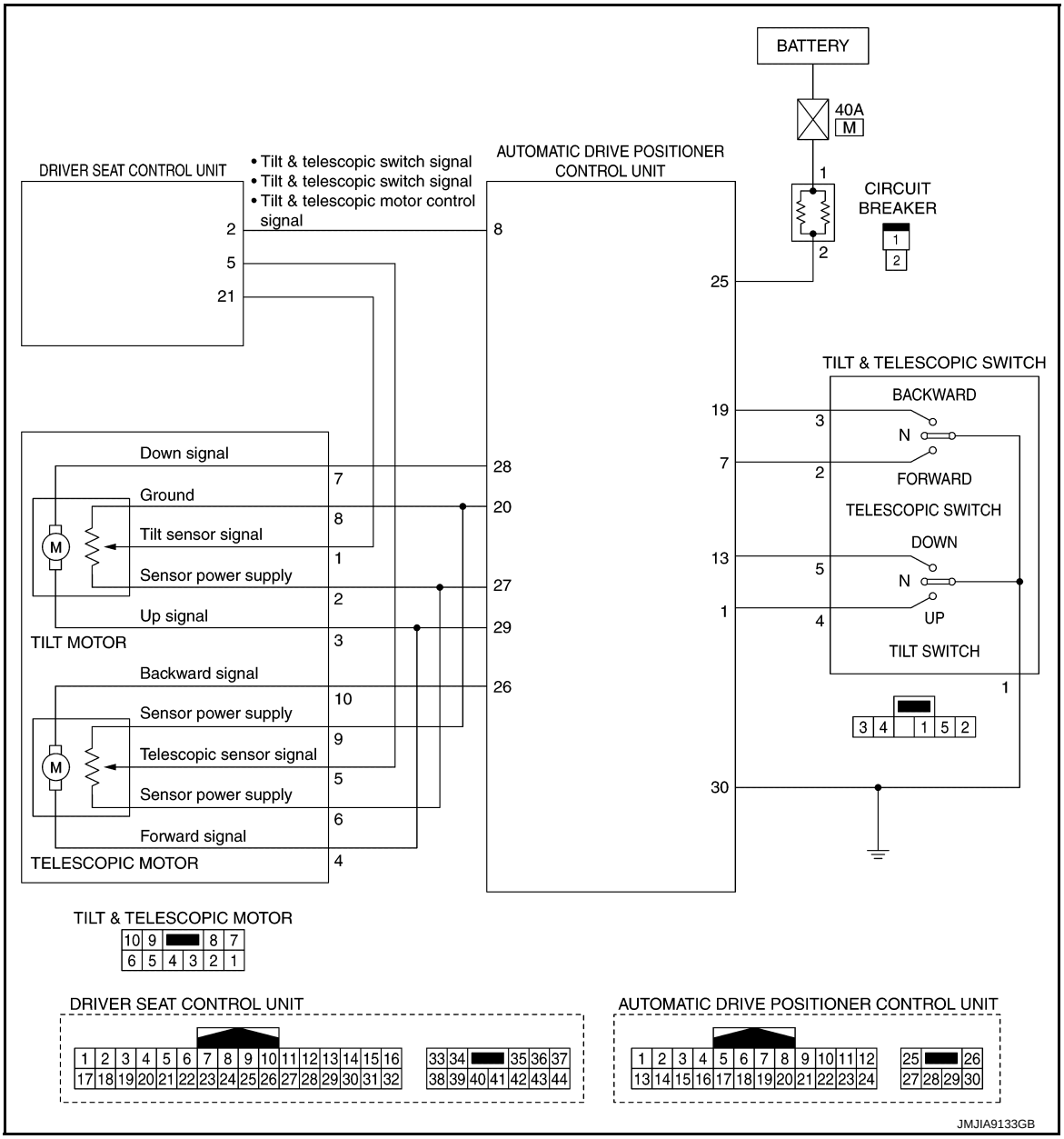
- Tilt motor operates when tilt & telescopic switch is operated, and allows up or down position adjustment of steering wheel.
- Tilt sensor detects the position of steering wheel during tilt motor operation, and automatically cuts the power when the operation limit is reached.

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.

TILT & TELESCOPIC SYSTEM : Circuit Diagram

INFOID:0000000009726301

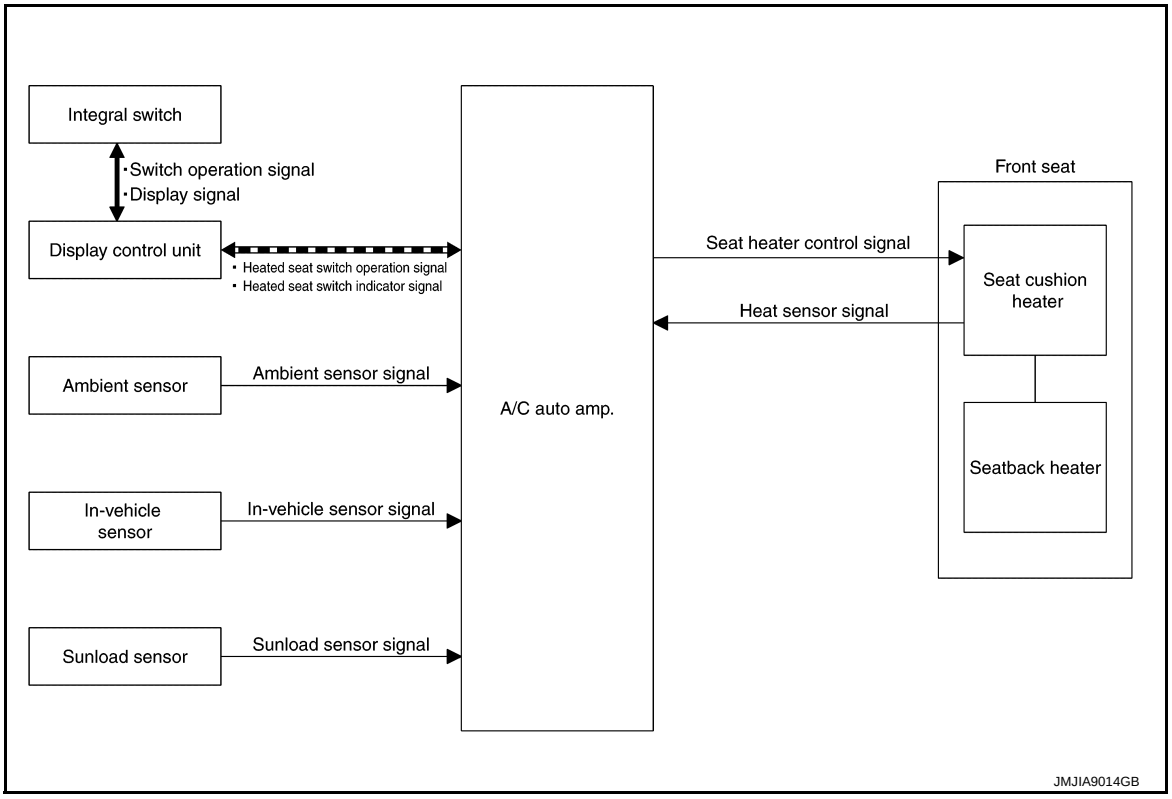


HEATED SEAT SYSTEM

HEATED SEAT SYSTEM : System Description

INFOID:0000000009641312

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.

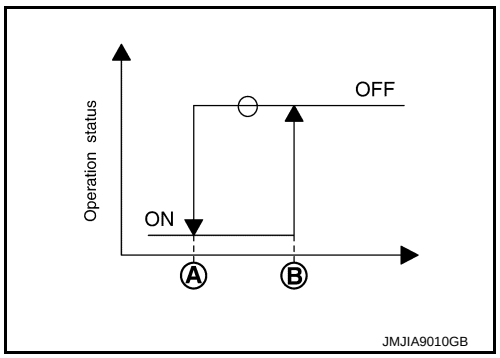
OPERATION DESCRIPTION

- 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.

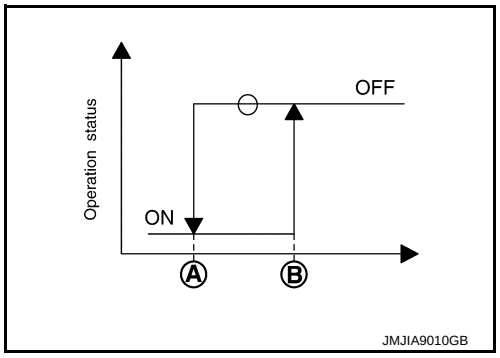
- The A/C auto amp. recognizes the seat temperature from heat sensor signal. It adjusts the seat temperature by stopping operation when the seat temperature reaches the operation stop temperature Ⓐ, and starting operation when the seat temperature reaches the operation start temperature Ⓑ.



Preset temperature	Temperature °C (°F)	
	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 Ⓐ, and starting operation when the seat temperature reaches the operation start temperature Ⓑ.



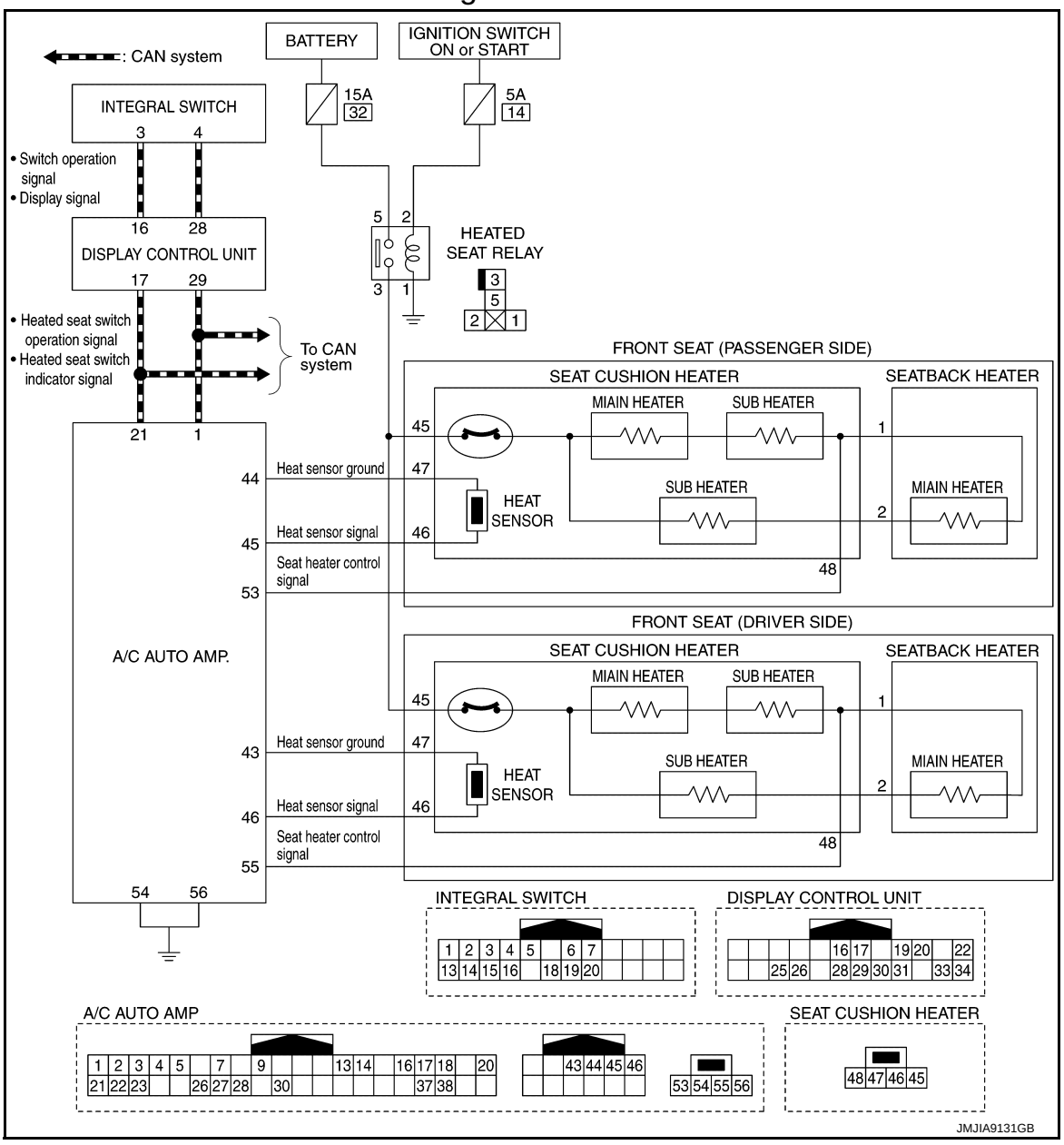
- The A/C auto amp. adjusts the seat temperature automatically based on the temperature felt by the customer, which is calculated from the in-vehicle temperature, ambient temperature, sunload, and seat temperature setting.

Preset temperature	Temperature °C (°F)		
	Heat sensor detection temperature	Temperature at operation stop	Temperature at operation start
AUTO	0 (0)	1 (33.8)	0 (0)
	36.67 (98.0)	1 (33.8)	0 (0)
	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.

HEATED SEAT SYSTEM : Circuit Diagram

INFOID:0000000009726302



ECU DIAGNOSIS INFORMATION

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

List of ECU Reference

INFOID:0000000009760964

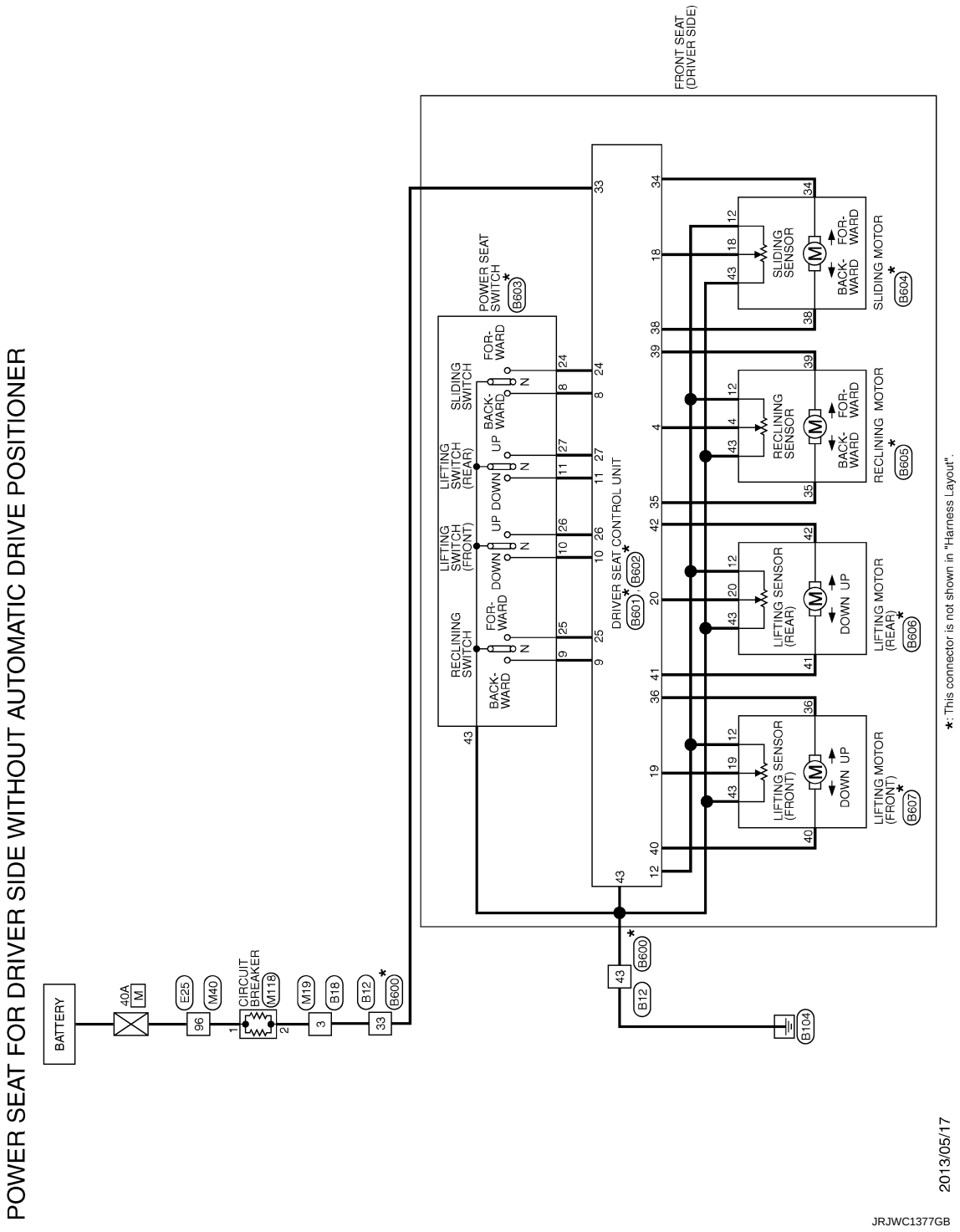
ECU		Reference
Driver seat control unit	Reference Value	ADP-34, "Reference Value"
	Fail-safe	ADP-40, "Fail-Safe"
	DTC Index	ADP-40, "DTC Index"
Automatic drive positioner control unit	Reference Value	ADP-42, "Reference Value"
A/C auto amp.	Reference Value	HAC-33, "Reference Value"
	Fail-safe	HAC-36, "Fail-safe"
	DTC Index	HAC-37, "DTC Index"

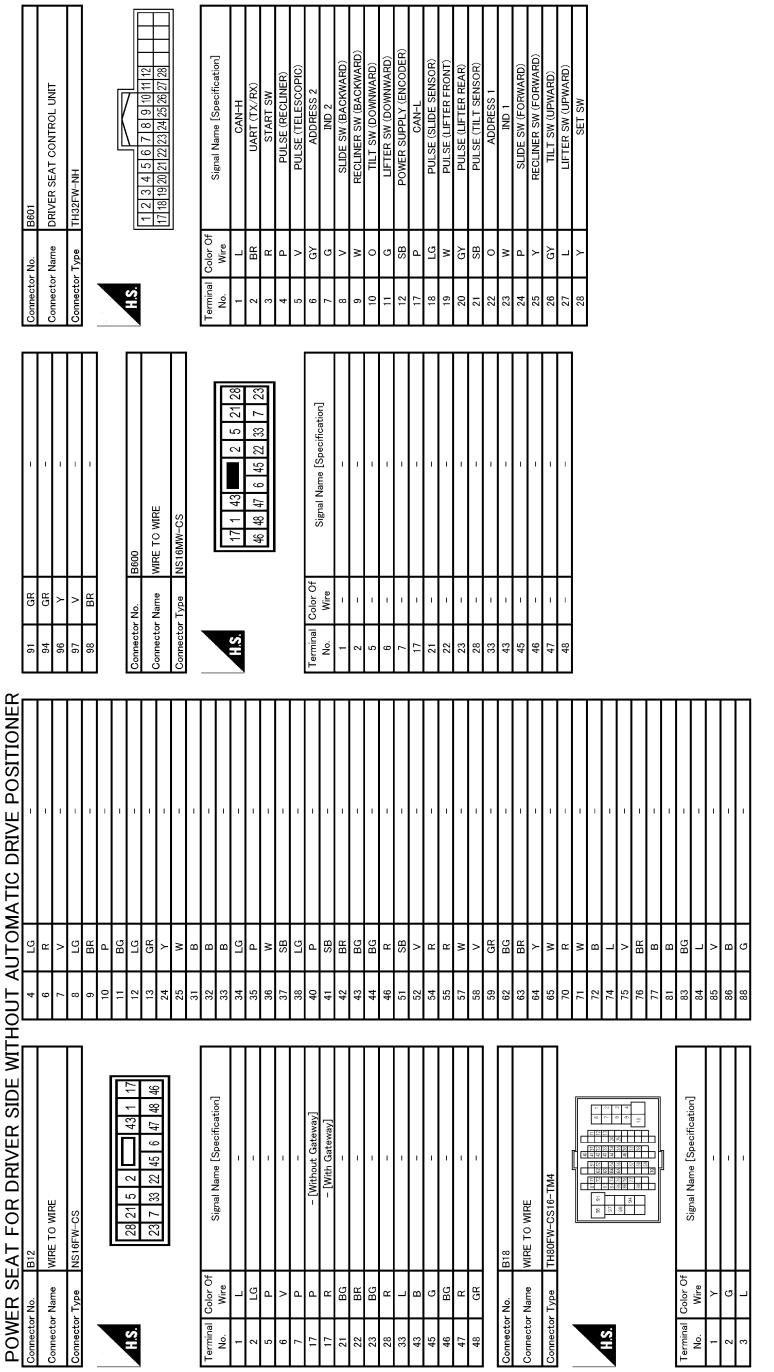
WIRING DIAGRAM

POWER SEAT CONTROL SYSTEM

Wiring Diagram (Driver Side Without Automatic Drive Positioner)

INFOID:0000000009641313





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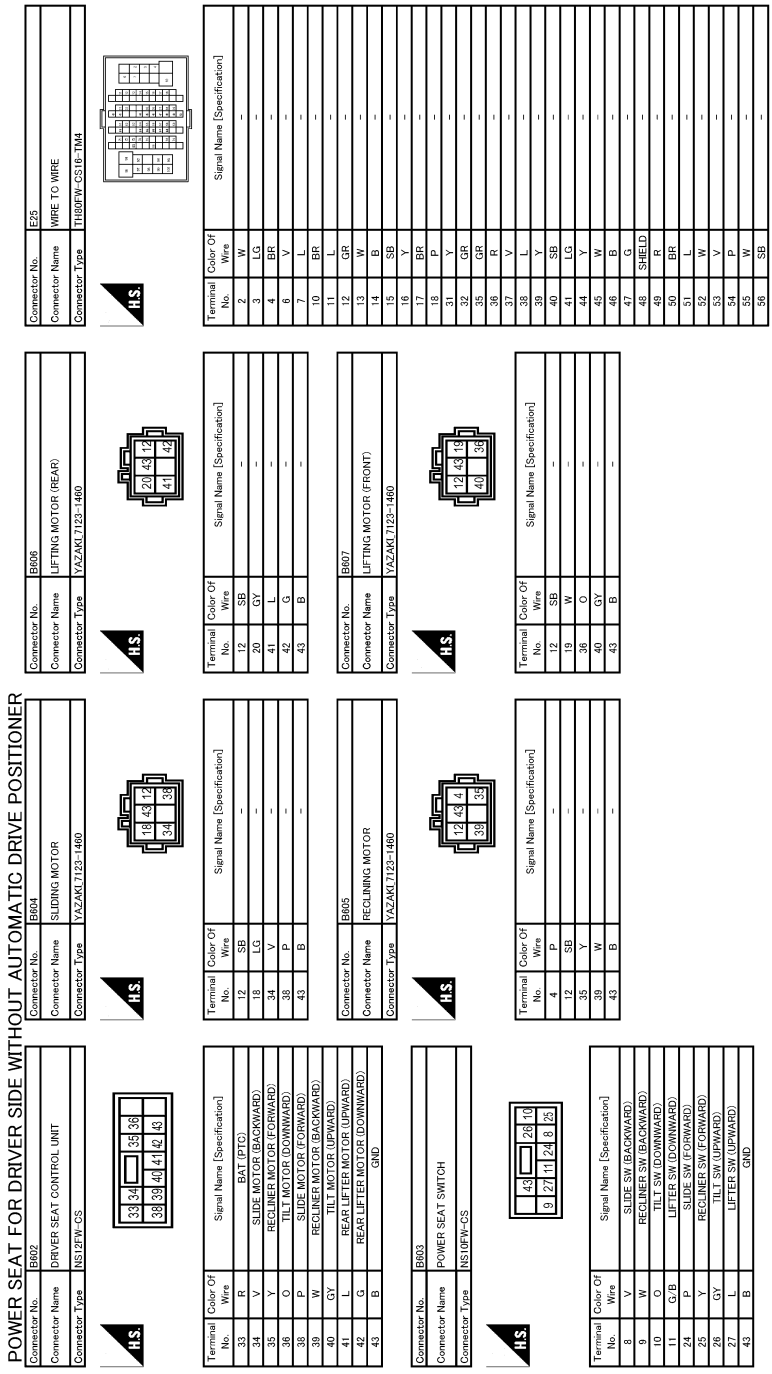


JRJWC1379GB

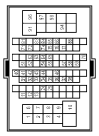
POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

57	BG	–
58	B	–
59	W	–
61	R	–
64	Y	–
65	SB	–
66	GR	–
67	LG	–
68	BG	–
71	LG	–
72	V	–
73	G	–
74	BR	–
75	V	–
78	P	–
79	SB	–
83	R	–
86	BG	–
91	G	–
92	Y	–
94	GR	–
95	BG	–
96	W	–
97	LG	–
98	L	–
99	P	–
100	SHIELD	–

9	BR	–
10	P	–
11	BR	–
12	LG	–
13	GR	–
24	Y	–
25	W	–
31	BR	–
32	B	–
33	B	–
34	V	–
35	P	–
36	W	–
37	SB	–
38	LG	–
40	P	–
41	G	–
42	BR	–
43	BR	–
44	BR	–
46	BG	–
51	Y	–
52	V	–
54	R	–
55	R	–
57	W	–
58	V	–
59	BG	–
62	BG	–
63	BR	–
64	Y	–
65	W	–
70	LG	–
71	W	–
72	B	–
74	L	–
75	W	–
76	BR	–
77	B	–
81	B	–
83	BG	–
84	L	–
85	W	–
86	B	–
88	G	–
91	GR	–
94	GR	–
96	W	–
97	V	–
98	BR	–

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

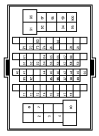
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	–
2	G	–
3	SB	–
4	BR	–
6	R	–
7	W	–
8	V	–

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	–
3	L	–
4	V	–
6	W/B	–
7	V	–
10	W	–
11	W	–
12	B	–
13	GR	–
14	B	–
15	SB	–
16	B	–
17	LG	–
18	B	–
31	W	–
32	V	–
35	BG	–
36	G	–
37	B	–
38	L	–
39	Y	–
40	GR	–
41	L	–
44	BR	–
45	W	–
46	G	–
47	R	–
48	SHIELD	–
49	B	–
50	BR	–
51	L	–
52	W	–
53	G	–
54	Y	–
55	P	–
56	BG	–

57	GR
58	B
59	SB
61	W/B
64	Y
65	R
66	V
67	LG
68	BG
71	V
72	LG
73	R
74	BR
75	B
78	G
79	R
83	R
86	V
91	W
92	R
94	BG
95	BR
96	W
97	LG
98	Y
99	BR
100	SHIELD

Connector No.	M118
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-LC

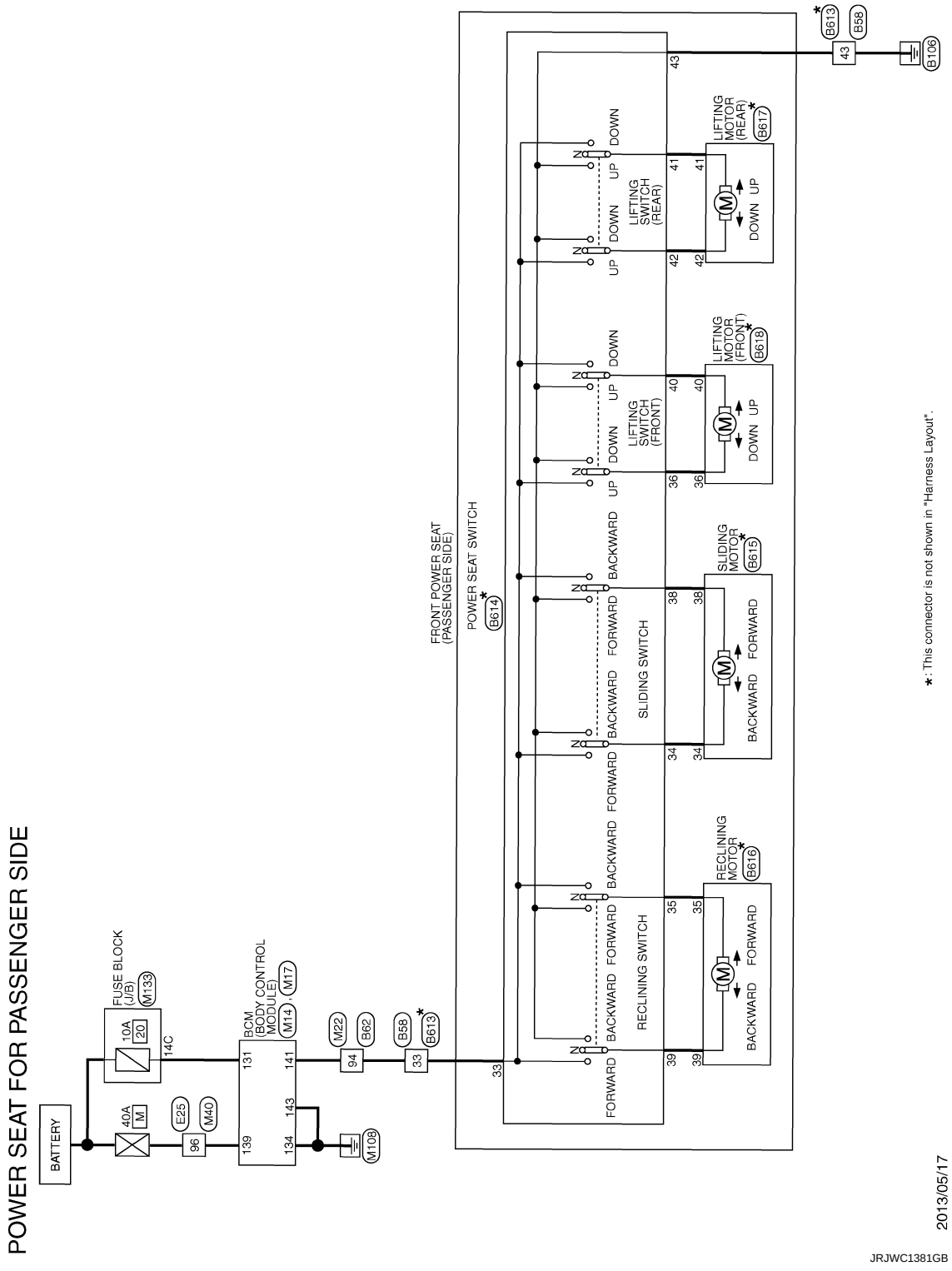
H.S.

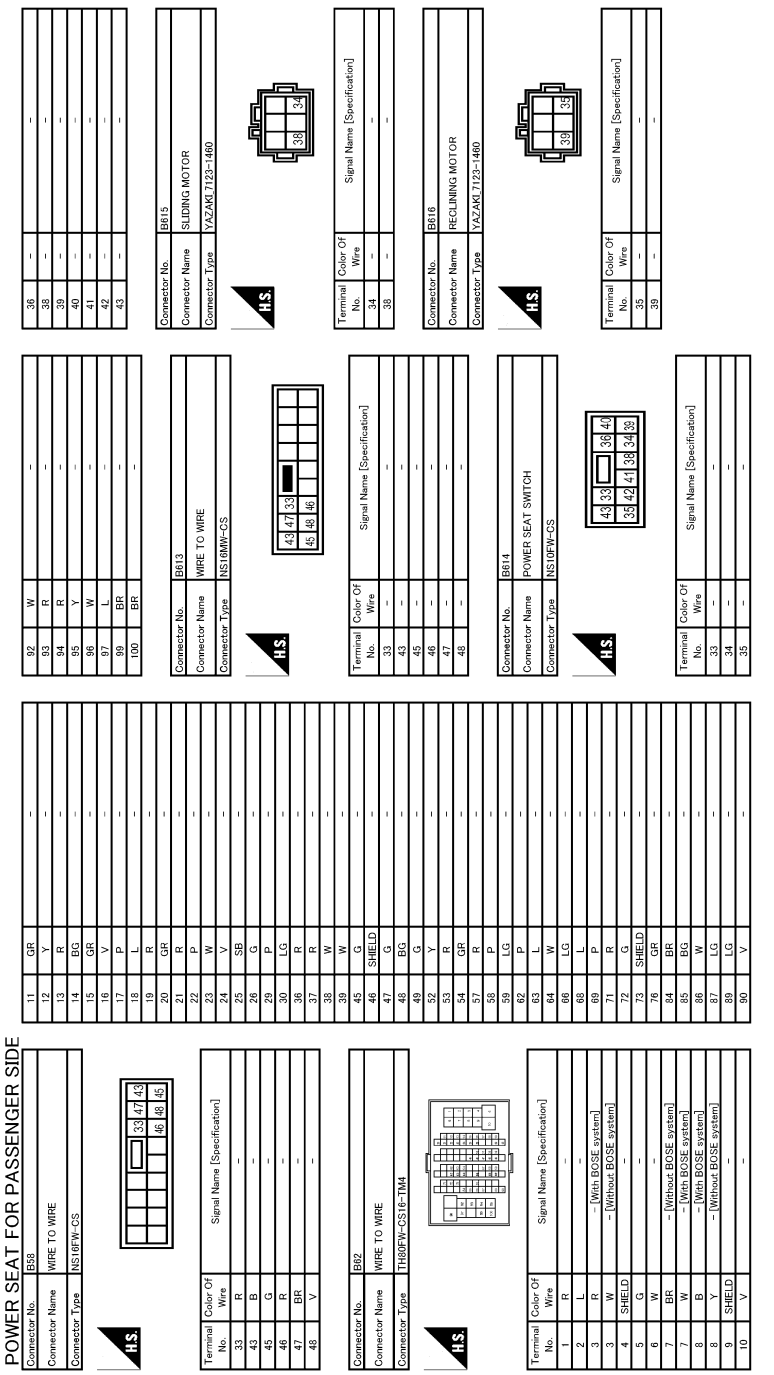
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	–
2	SB	–

JRJWC1380GB

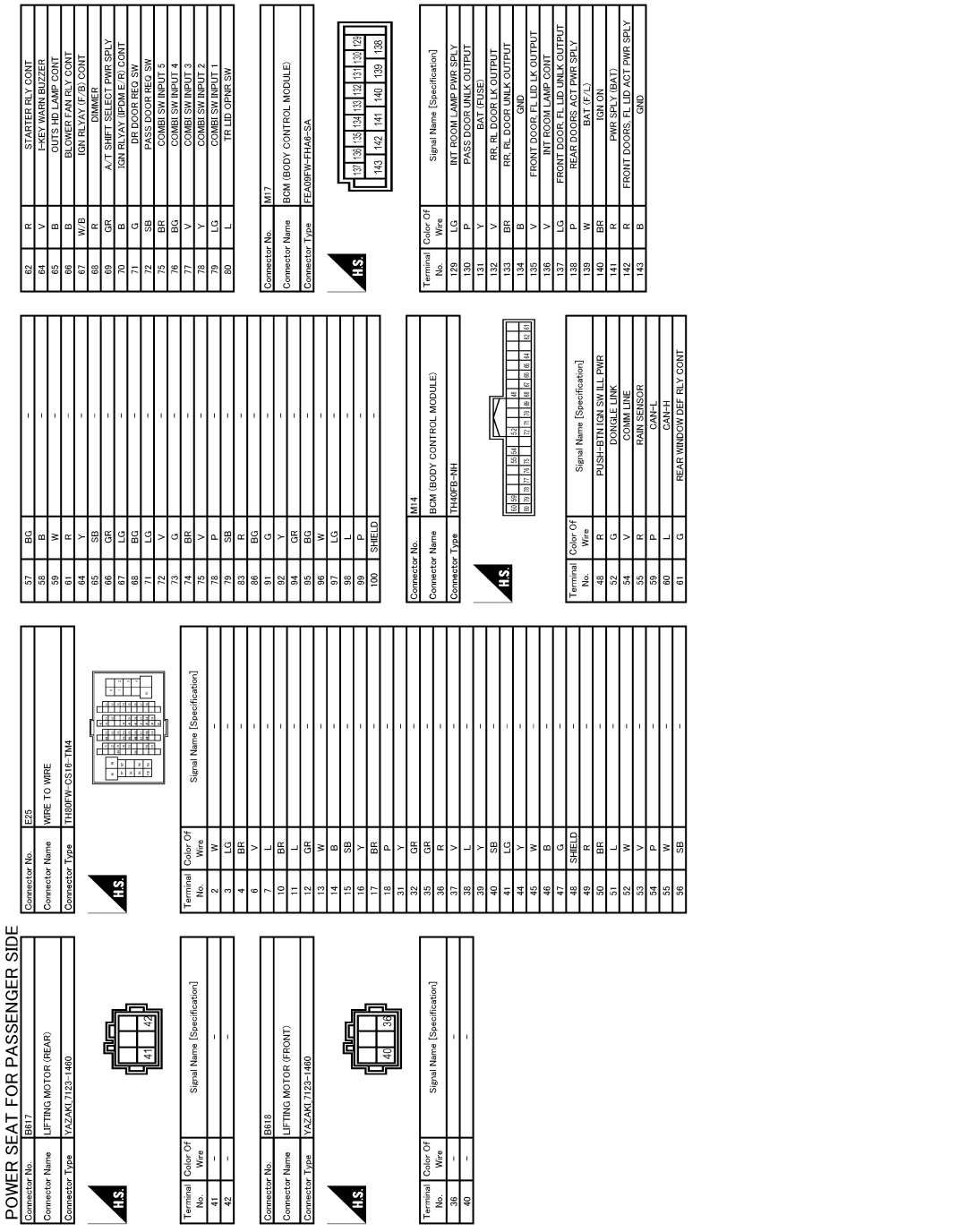
Wiring Diagram (Passenger Side)

INFOID:0000000009803430





JRJWC1382GB



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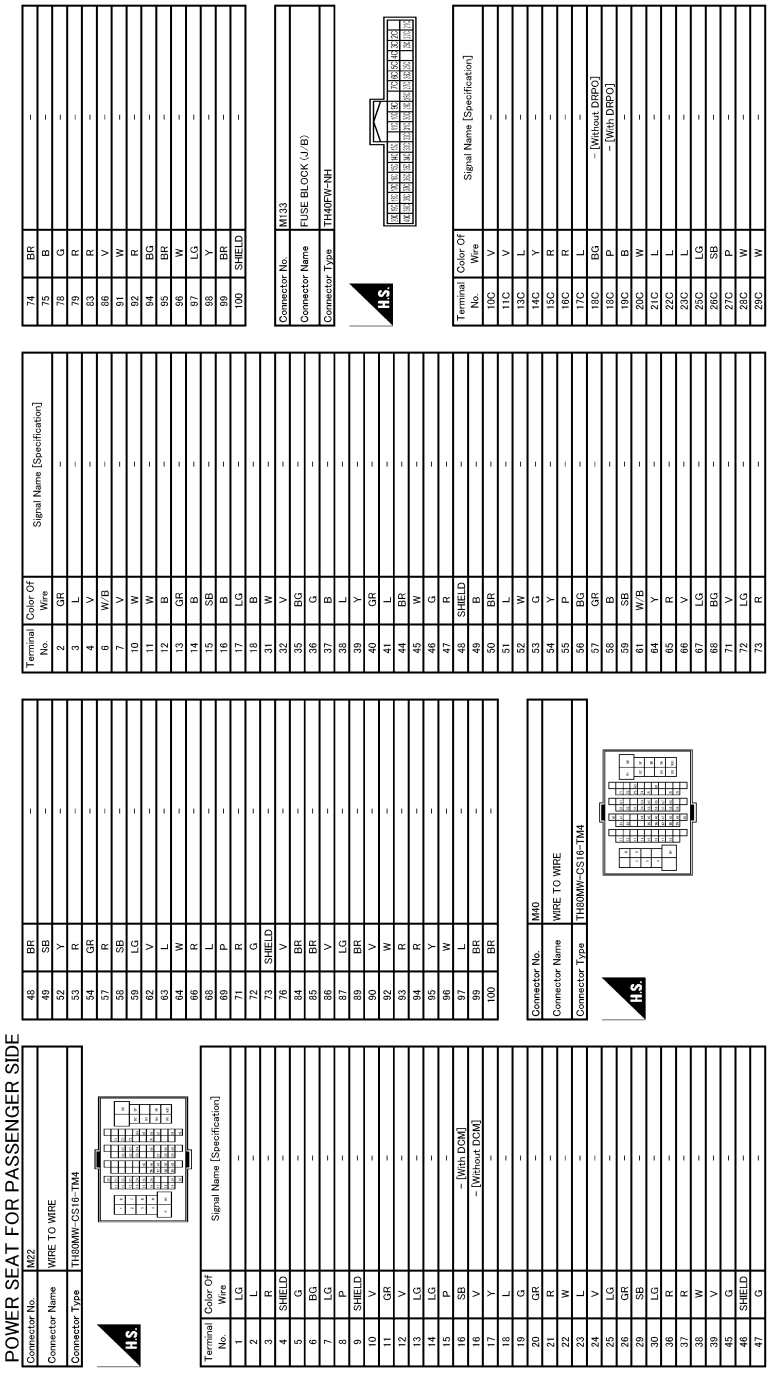


JRJWC1384GB

POWER SEAT FOR PASSENGER SIDE

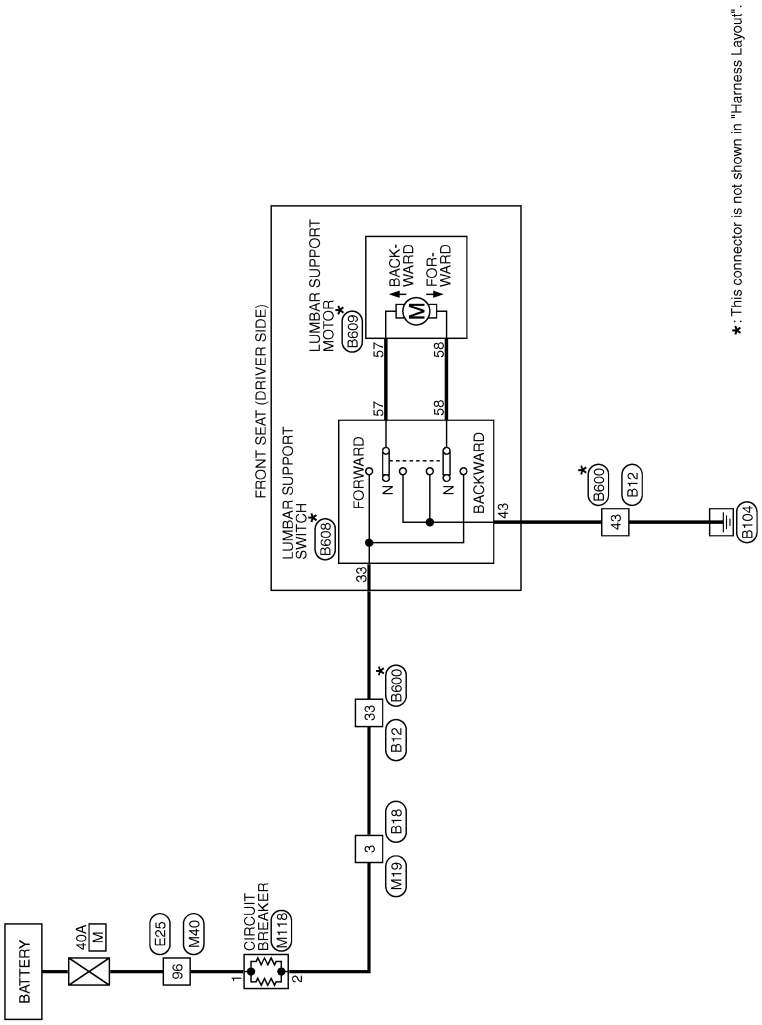
2C	R	-
30C	R	-
31C	W	-
32C	R	-
33C	B	-
34C	W/B	-
35C	SB	-
36C	R	-
37C	W	-
38C	SB	-
39C	V	-
3C	P	-
40C	G	-
4C	P	-
5C	P	-
6C	G	-
7C	G	-
9C	V	-

JRJWC1385GB

LUMBAR SUPPORT SYSTEM

Wiring Diagram

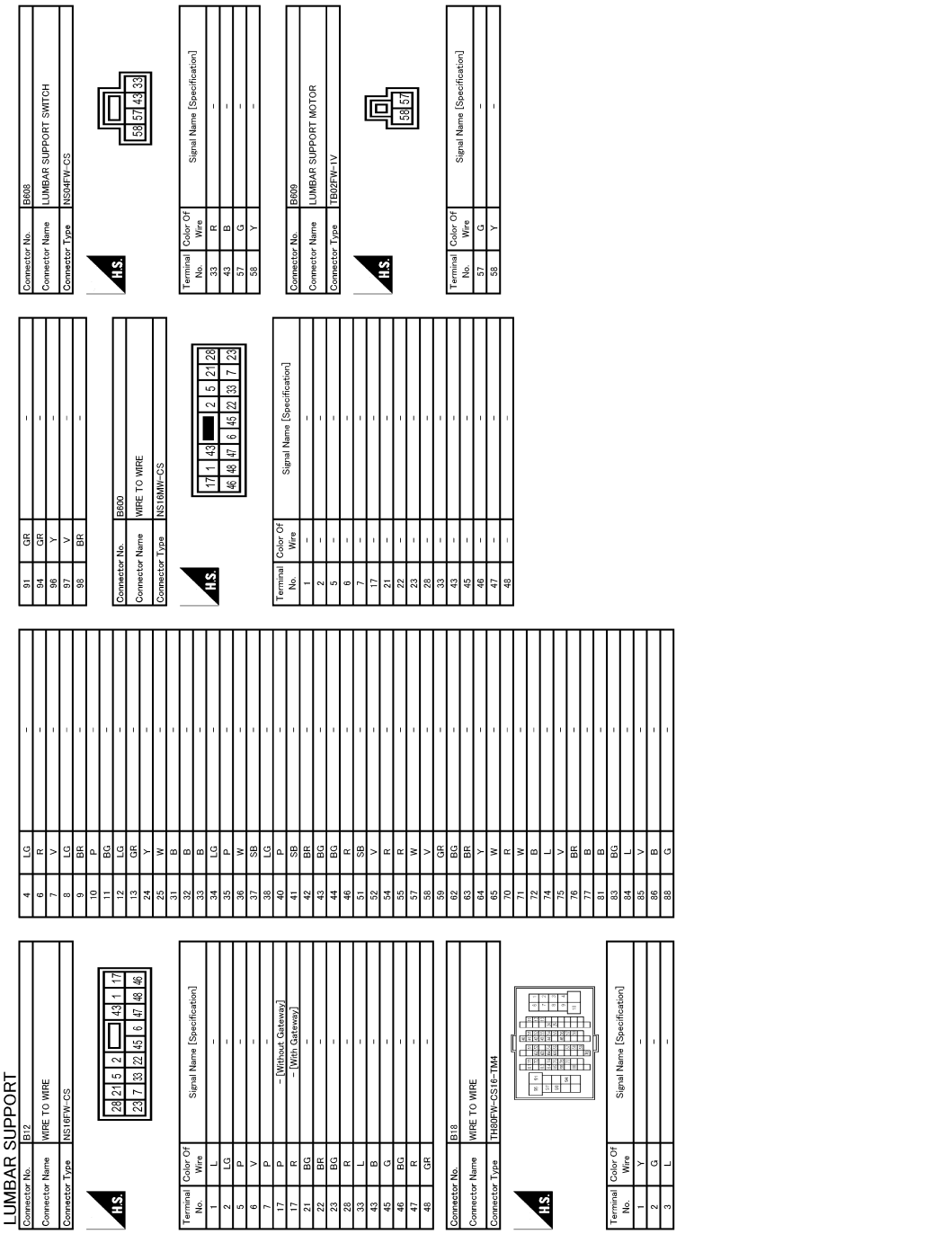
INFOID:0000000009641314



LUMBAR SUPPORT

2013/05/17

JRJWC1386GB

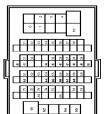


JRJWC1387GB

LUMBAR SUPPORT

Connector No.	E25
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.



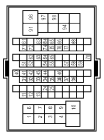
Terminal No.	Color Of Wire	Signal Name [Specification]
2	W	–
3	LG	–
4	BR	–
6	V	–
7	L	–
10	BR	–
11	L	–
12	GR	–
13	W	–
14	B	–
15	SB	–
16	Y	–
17	BR	–
18	P	–
31	Y	–
32	GR	–
35	GR	–
36	R	–
37	V	–
38	L	–
39	Y	–
40	SB	–
41	LG	–
44	Y	–
45	W	–
46	B	–
47	G	–
48	SHIELD	–
49	R	–
50	BR	–
51	L	–
52	W	–
53	V	–
54	P	–
55	W	–
56	SB	–

57	BG	–
58	B	–
59	W	–
61	R	–
64	Y	–
65	SB	–
66	GR	–
67	LG	–
68	BG	–
71	LG	–
72	V	–
73	G	–
74	BR	–
75	V	–
78	P	–
79	SB	–
83	R	–
86	BG	–
91	G	–
92	Y	–
94	GR	–
95	BG	–
96	W	–
97	LG	–
98	L	–
99	P	–
100	SHIELD	–

9	BR	–
10	P	–
11	BR	–
12	LG	–
13	GR	–
24	Y	–
25	W	–
31	BR	–
32	B	–
33	B	–
34	V	–
35	P	–
36	W	–
37	SB	–
38	LG	–
40	P	–
41	G	–
42	BR	–
43	BR	–
44	BR	–
46	BG	–
51	Y	–
52	V	–
54	R	–
55	R	–
57	W	–
58	V	–
59	BG	–
62	BG	–
63	BR	–
64	Y	–
65	W	–
70	LG	–
71	W	–
72	B	–
74	L	–
75	W	–
76	BR	–
77	B	–
81	B	–
83	BG	–
84	L	–
85	W	–
86	B	–
88	G	–
91	GR	–
94	GR	–
96	W	–
97	V	–
98	BR	–

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

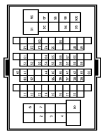
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	–
2	G	–
3	SB	–
4	BR	–
6	R	–
7	W	–
8	V	–

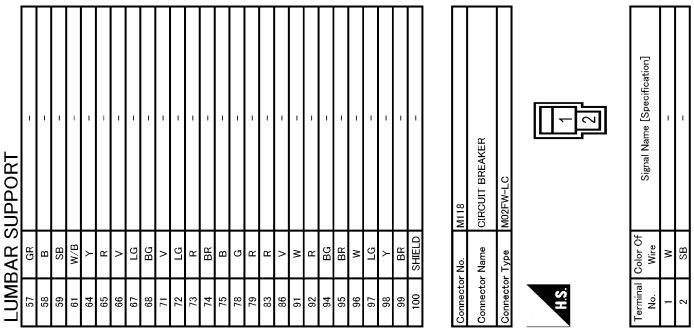
Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	–
3	L	–
4	V	–
6	W/B	–
7	V	–
10	W	–
11	W	–
12	B	–
13	GR	–
14	B	–
15	SB	–
16	B	–
17	LG	–
18	B	–
31	W	–
32	V	–
35	BG	–
36	G	–
37	B	–
38	L	–
39	Y	–
40	GR	–
41	L	–
44	BR	–
45	W	–
46	G	–
47	R	–
48	SHIELD	–
49	B	–
50	BR	–
51	L	–
52	W	–
53	G	–
54	Y	–
55	P	–
56	BG	–

JRJWC1388GB

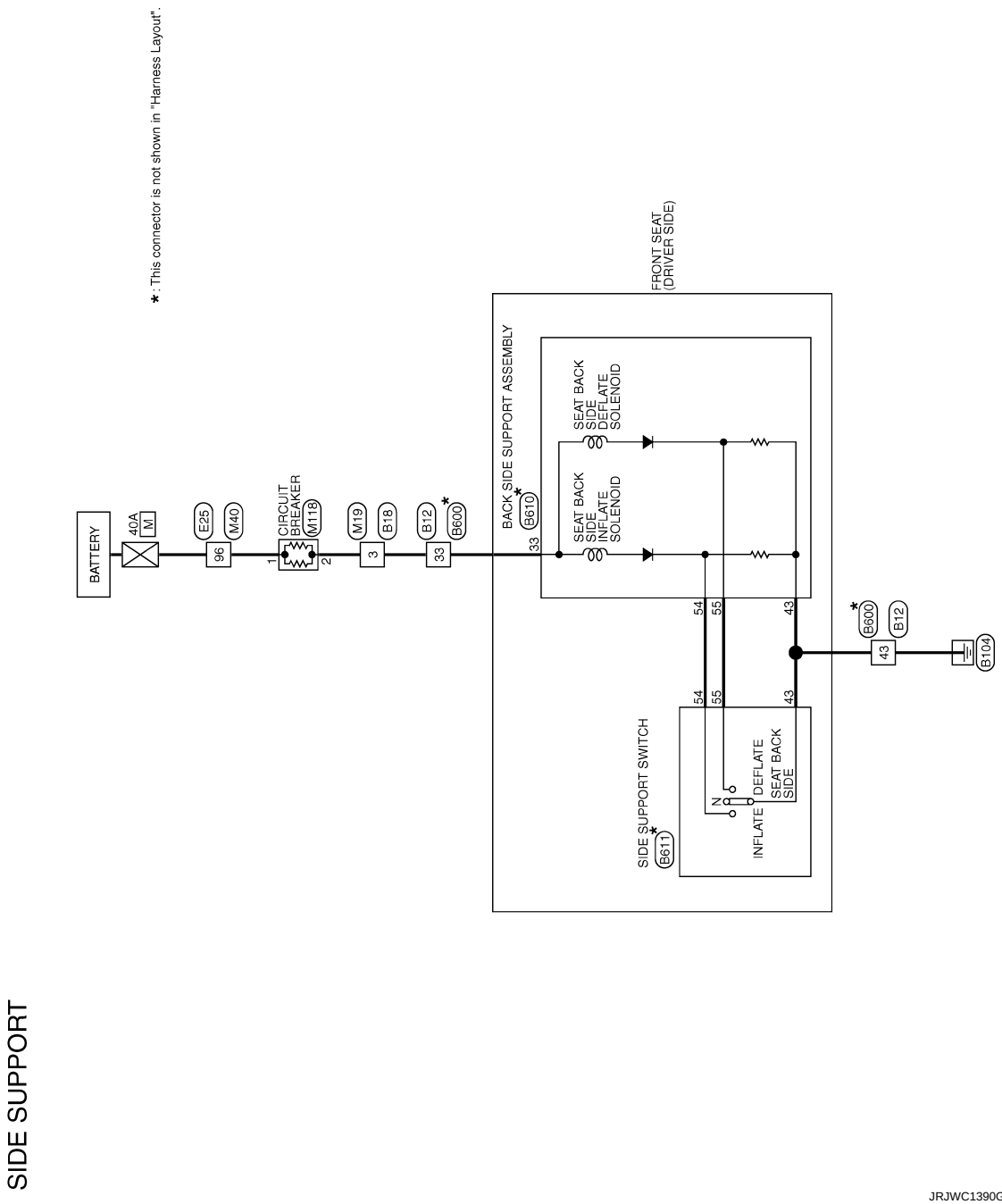


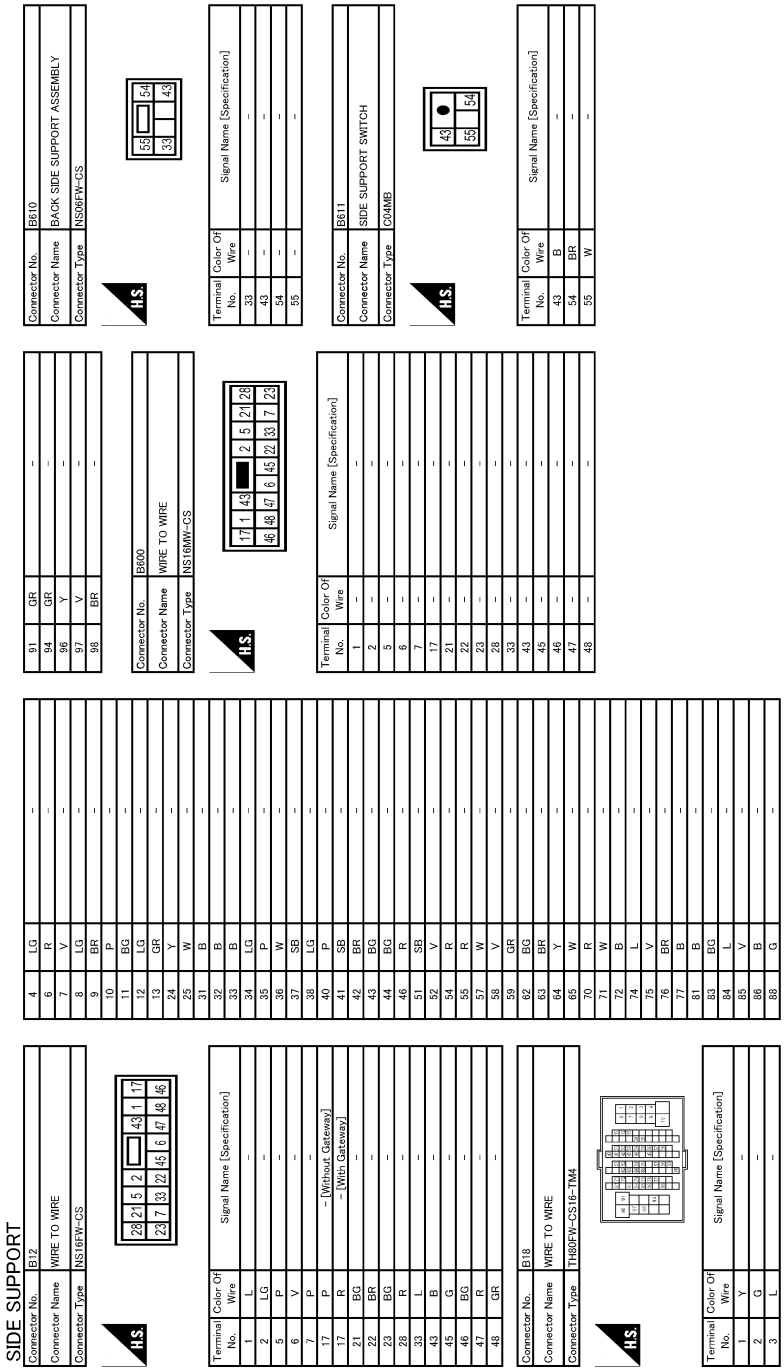
JRJWC1389GB

SIDE SUPPORT SYSTEM

Wiring Diagram

INFOID:0000000009641315



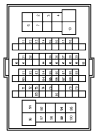


JRJWC1391GB

SIDE SUPPORT

Connector No.	E25
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

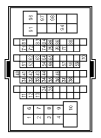
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
2	W	–
3	LG	–
4	BR	–
6	V	–
7	L	–
10	BR	–
11	L	–
12	GR	–
13	W	–
14	B	–
15	SB	–
16	Y	–
17	BR	–
18	P	–
31	Y	–
32	GR	–
35	GR	–
36	R	–
37	V	–
38	L	–
39	Y	–
40	SB	–
41	LG	–
44	Y	–
45	W	–
46	B	–
47	G	–
48	SHIELD	–
49	R	–
50	BR	–
51	L	–
52	W	–
53	V	–
54	P	–
55	W	–
56	SB	–
57	BG	–
58	B	–
59	W	–
61	R	–
64	Y	–
65	SB	–
66	GR	–
67	LG	–
68	BG	–
71	LG	–
72	V	–
73	G	–
74	BR	–
75	V	–
78	P	–
79	SB	–
83	R	–
86	BG	–
91	G	–
92	Y	–
94	GR	–
95	BG	–
96	W	–
97	LG	–
98	L	–
99	P	–
100	SHIELD	–

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

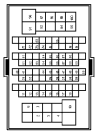
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	–
2	G	–
3	SB	–
4	BR	–
6	R	–
7	W	–
8	V	–
9	BR	–
10	P	–
11	BR	–
12	LG	–
13	GR	–
24	Y	–
25	W	–
31	BR	–
32	B	–
33	B	–
34	V	–
35	P	–
36	W	–
37	SB	–
38	LG	–
40	P	–
41	G	–
42	BR	–
43	BR	–
44	BR	–
46	BG	–
51	Y	–
52	V	–
54	R	–
55	R	–
57	W	–
58	V	–
59	BG	–
62	BG	–
63	BR	–
64	Y	–
65	W	–
70	LG	–
71	W	–
72	B	–
74	L	–
75	W	–
76	BR	–
77	B	–
81	B	–
83	BG	–
84	L	–
85	W	–
86	B	–
88	G	–
91	GR	–
94	GR	–
96	W	–
97	V	–
98	BR	–

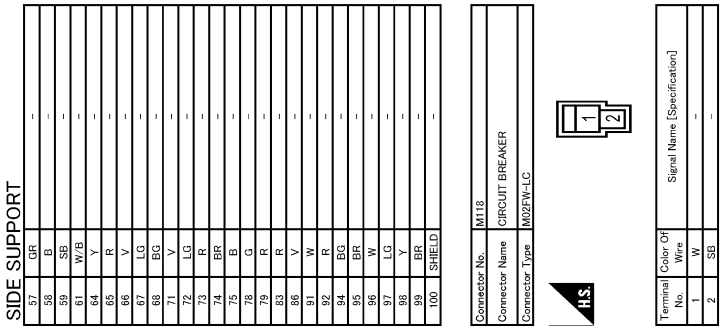
Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	–
3	L	–
4	V	–
6	W/B	–
7	V	–
10	W	–
11	W	–
12	B	–
13	GR	–
14	B	–
15	SB	–
16	B	–
17	LG	–
18	B	–
31	W	–
32	V	–
35	BG	–
36	G	–
37	B	–
38	L	–
39	Y	–
40	GR	–
41	L	–
44	BR	–
45	W	–
46	G	–
47	R	–
48	SHIELD	–
49	B	–
50	BR	–
51	L	–
52	W	–
53	G	–
54	Y	–
55	P	–
56	BG	–

JRJWC1392GB

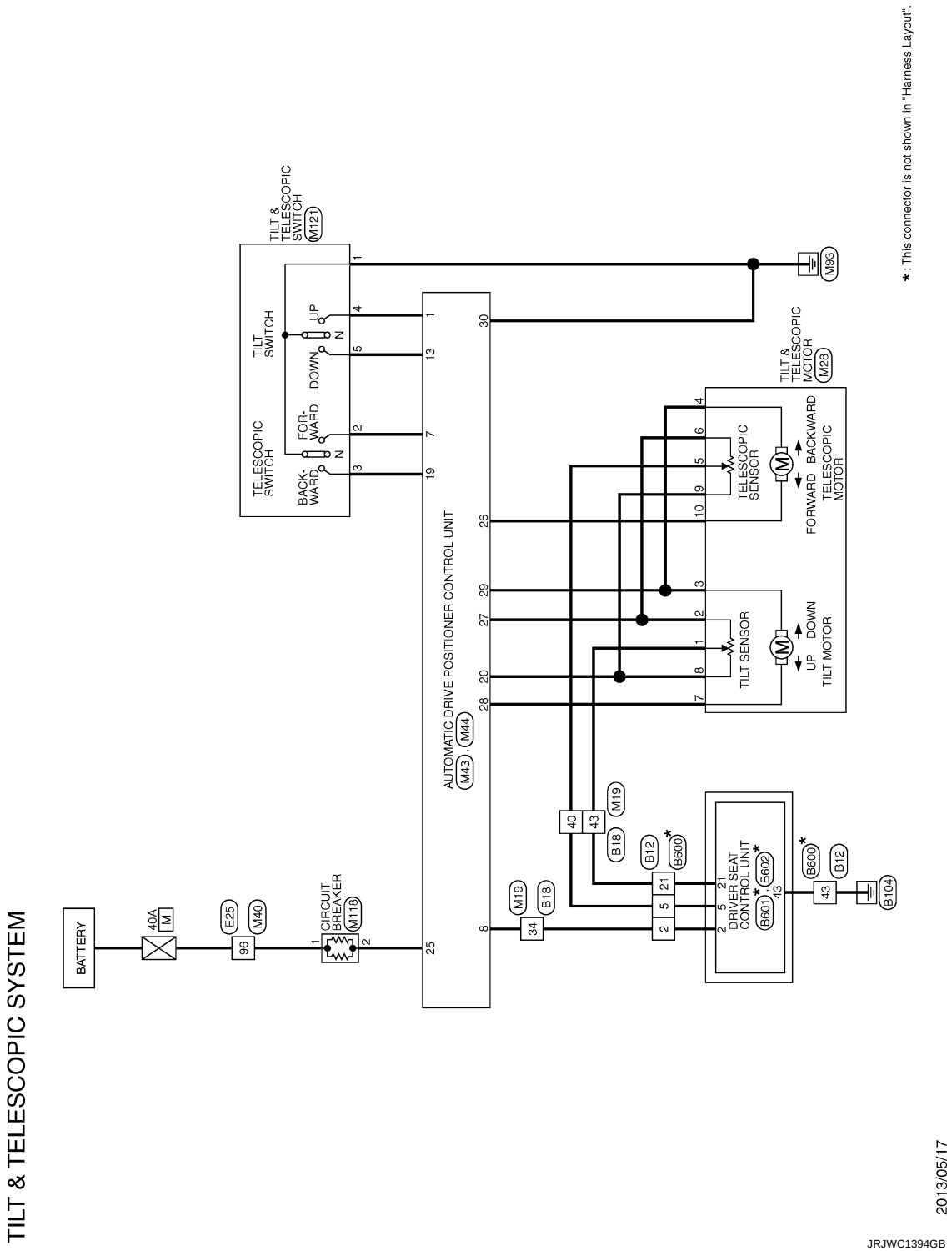


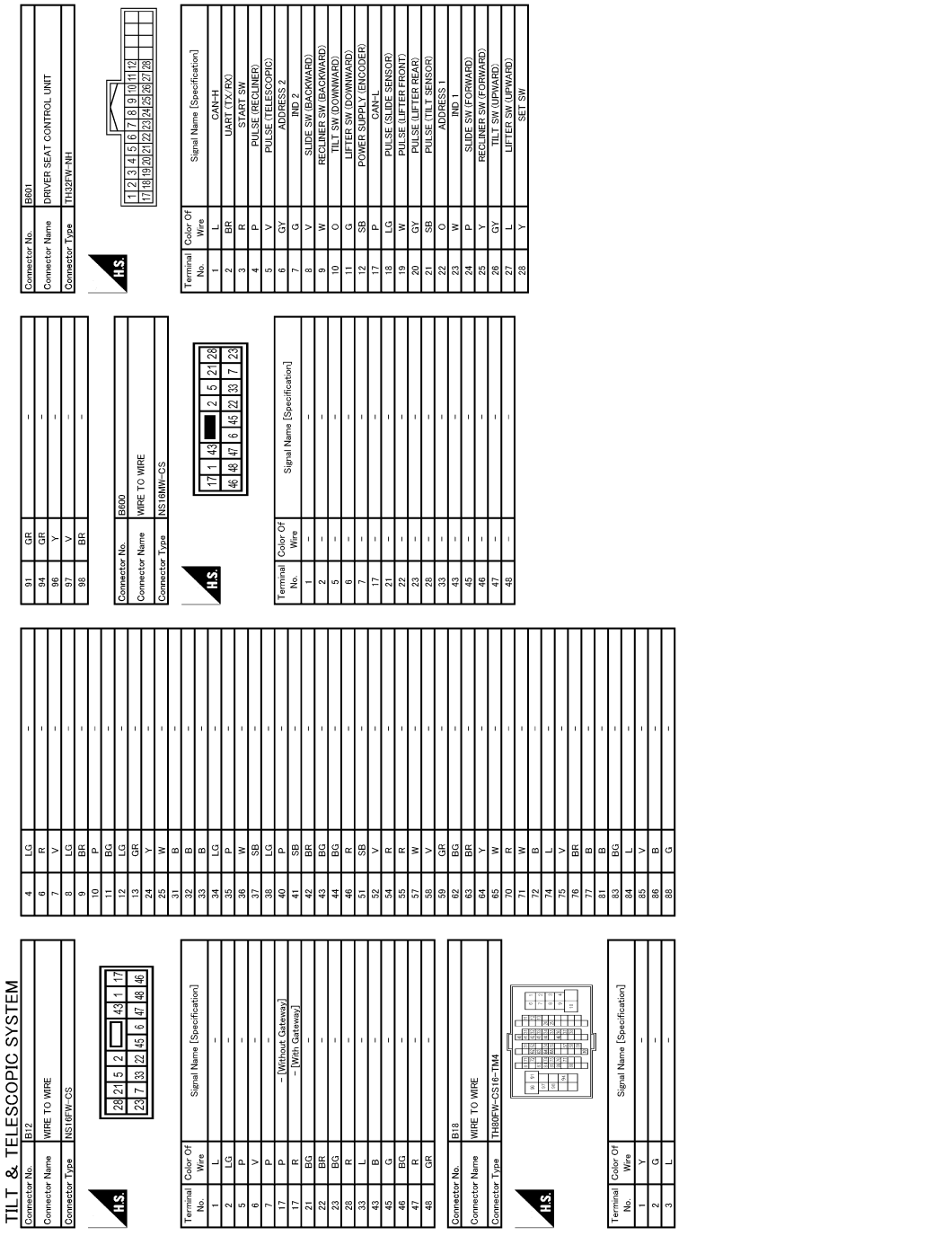
JRJWC1393GB

TILT & TELESCOPIC SYSTEM

Wiring Diagram

INFOID:0000000009641316





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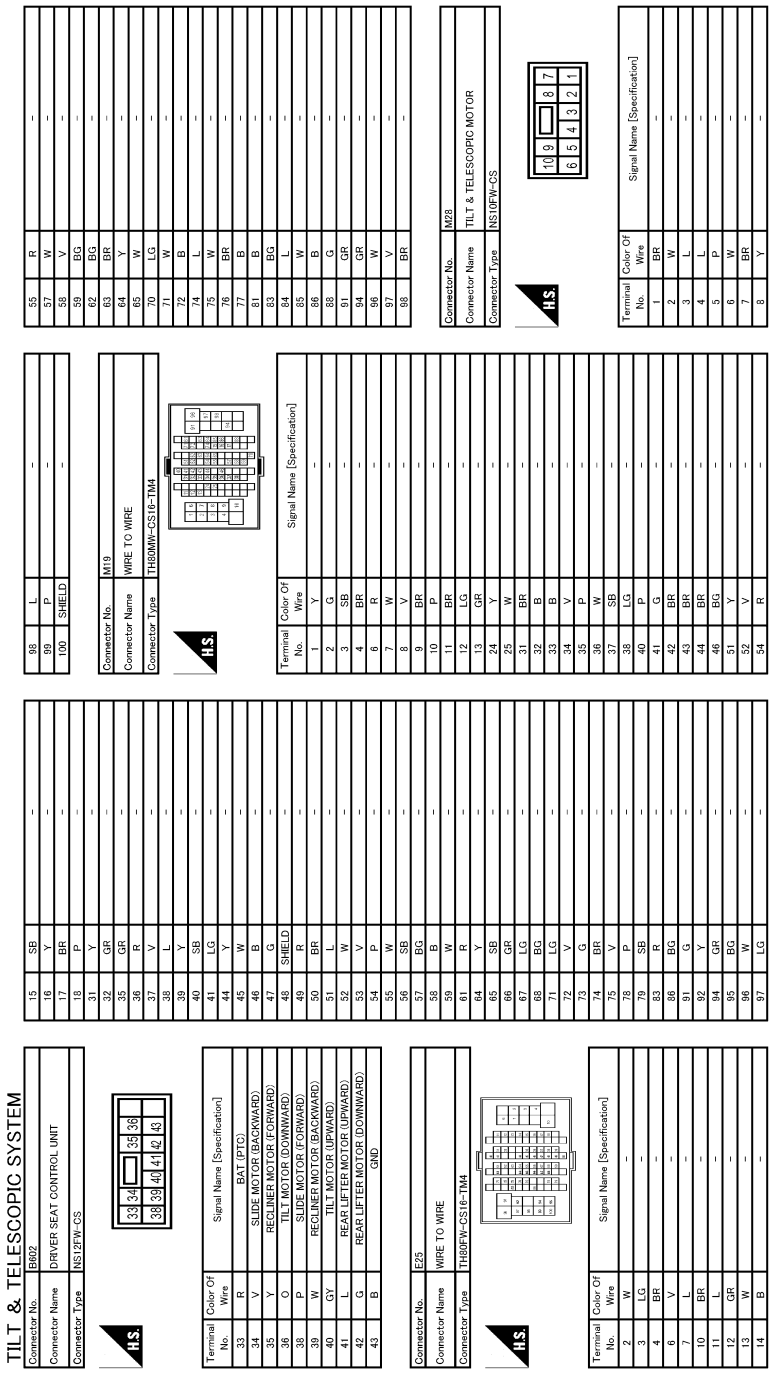

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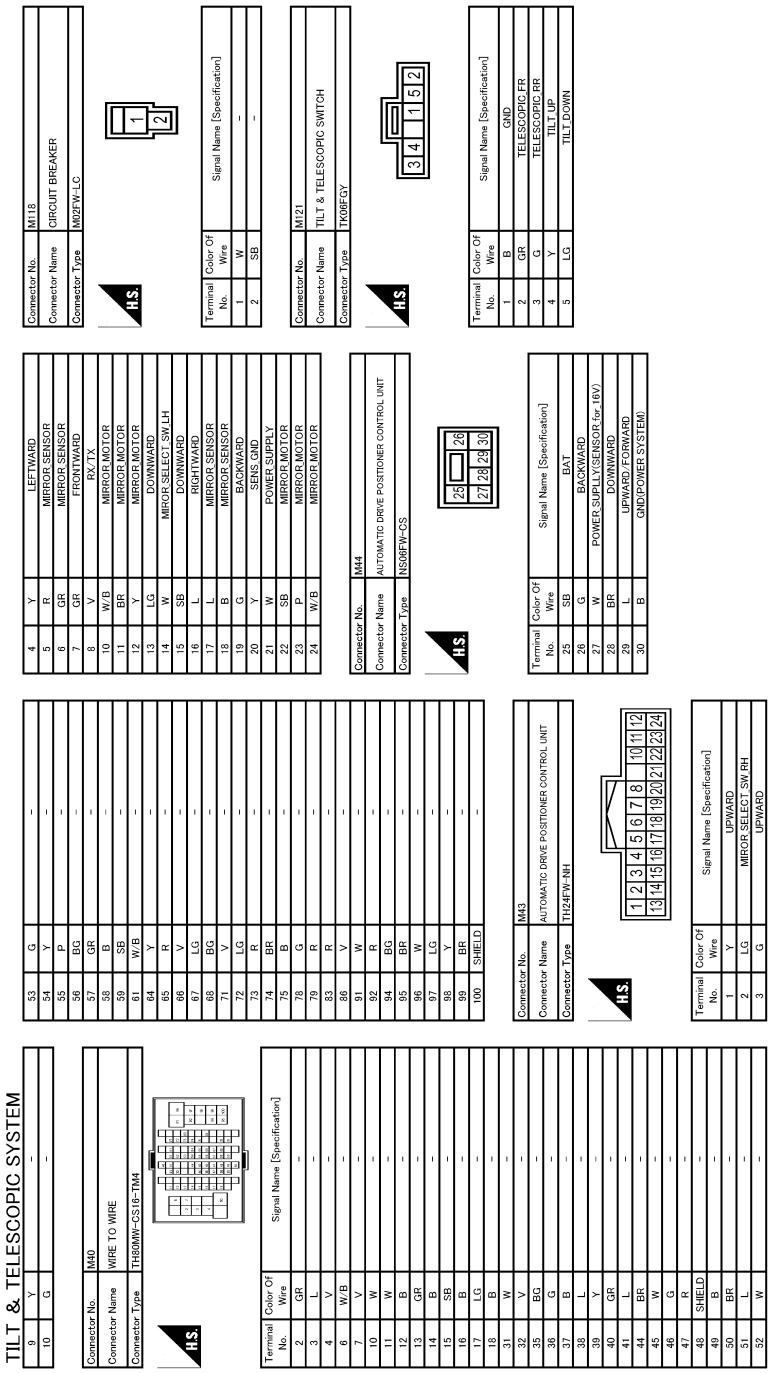

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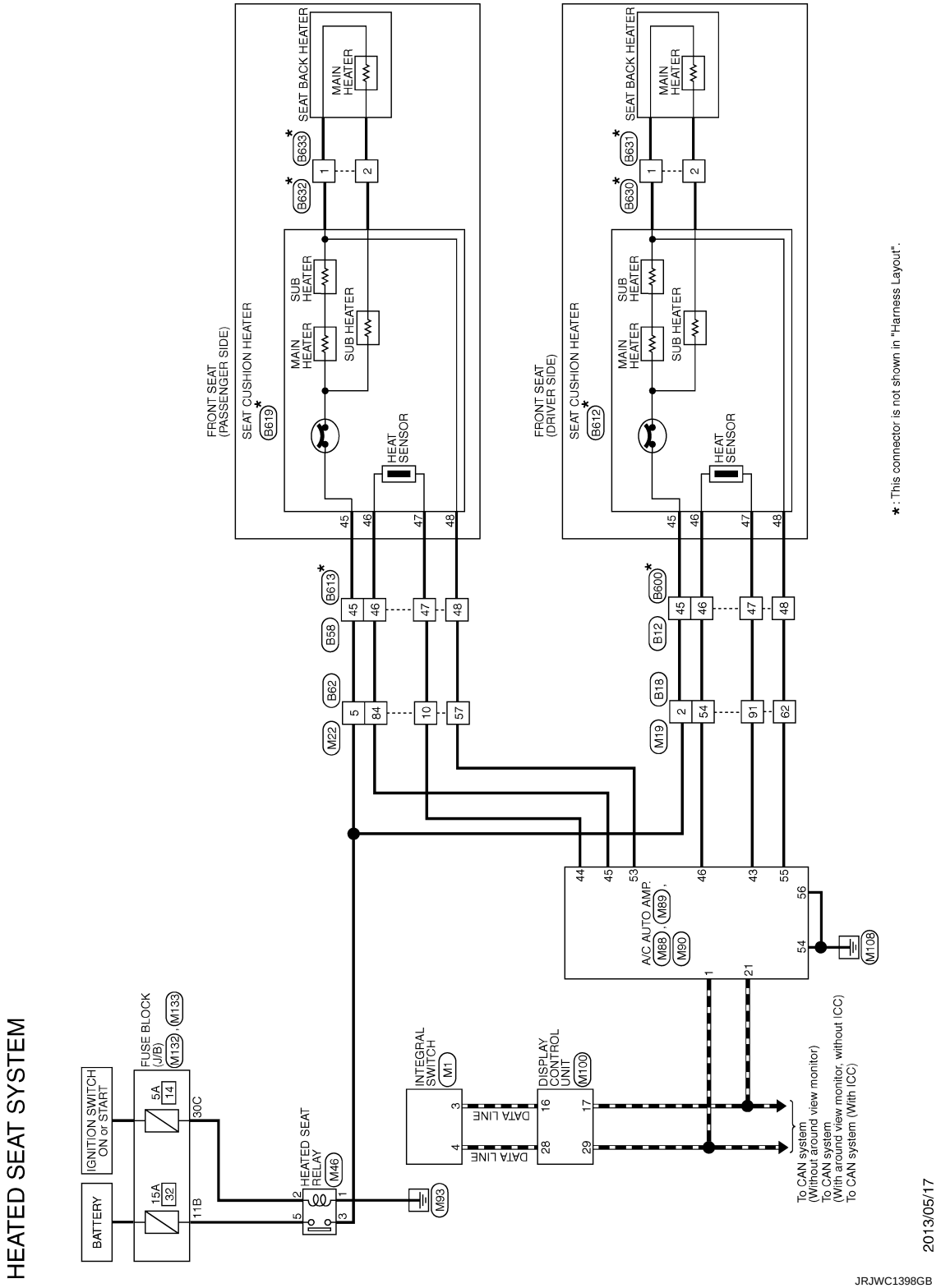
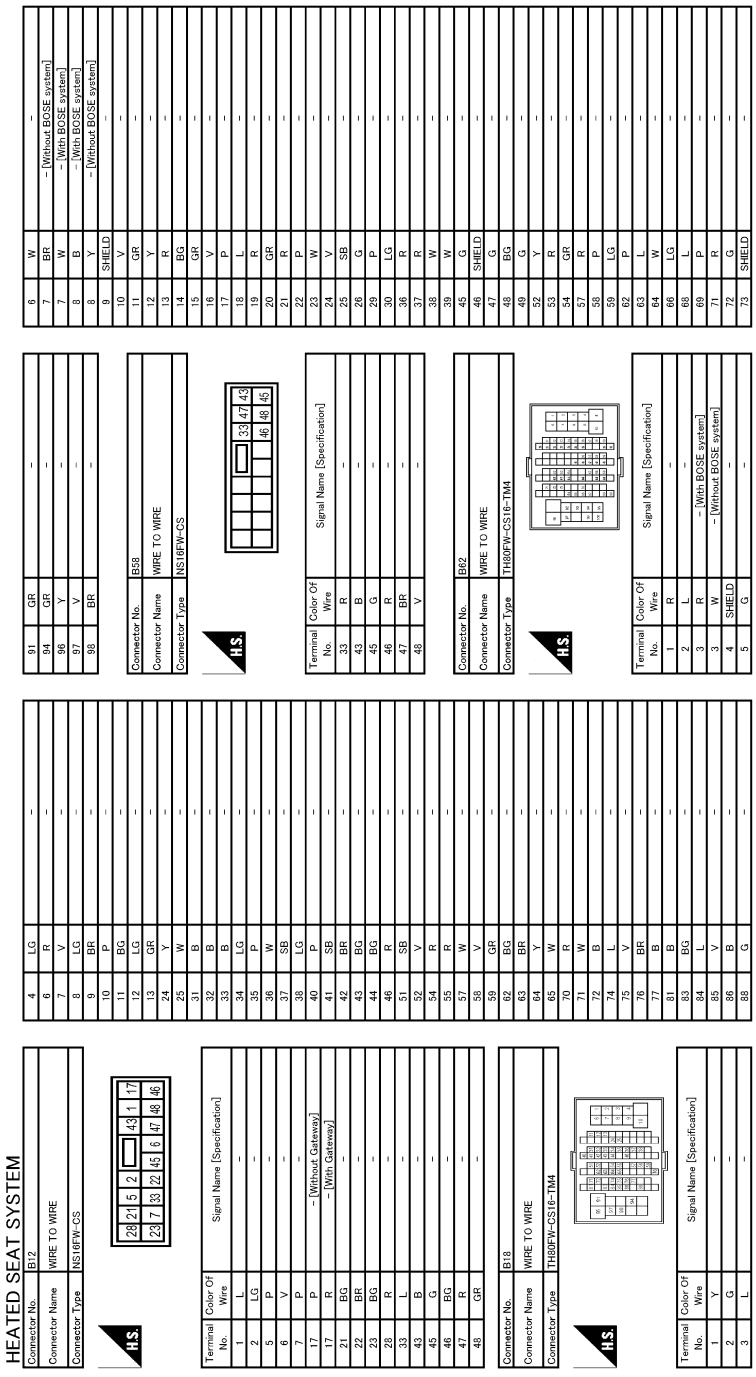
HEATED SEAT SYSTEM

Wiring Diagram

INFOID:0000000009641317





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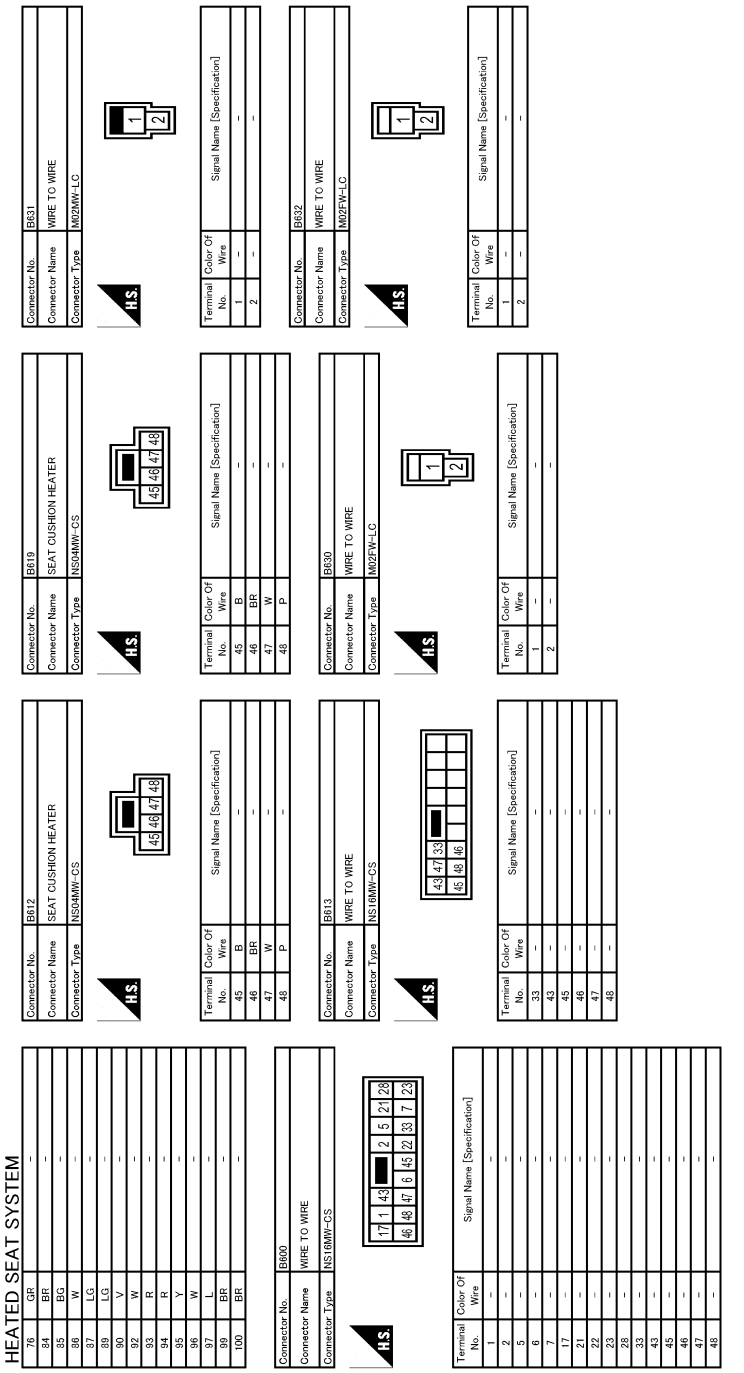

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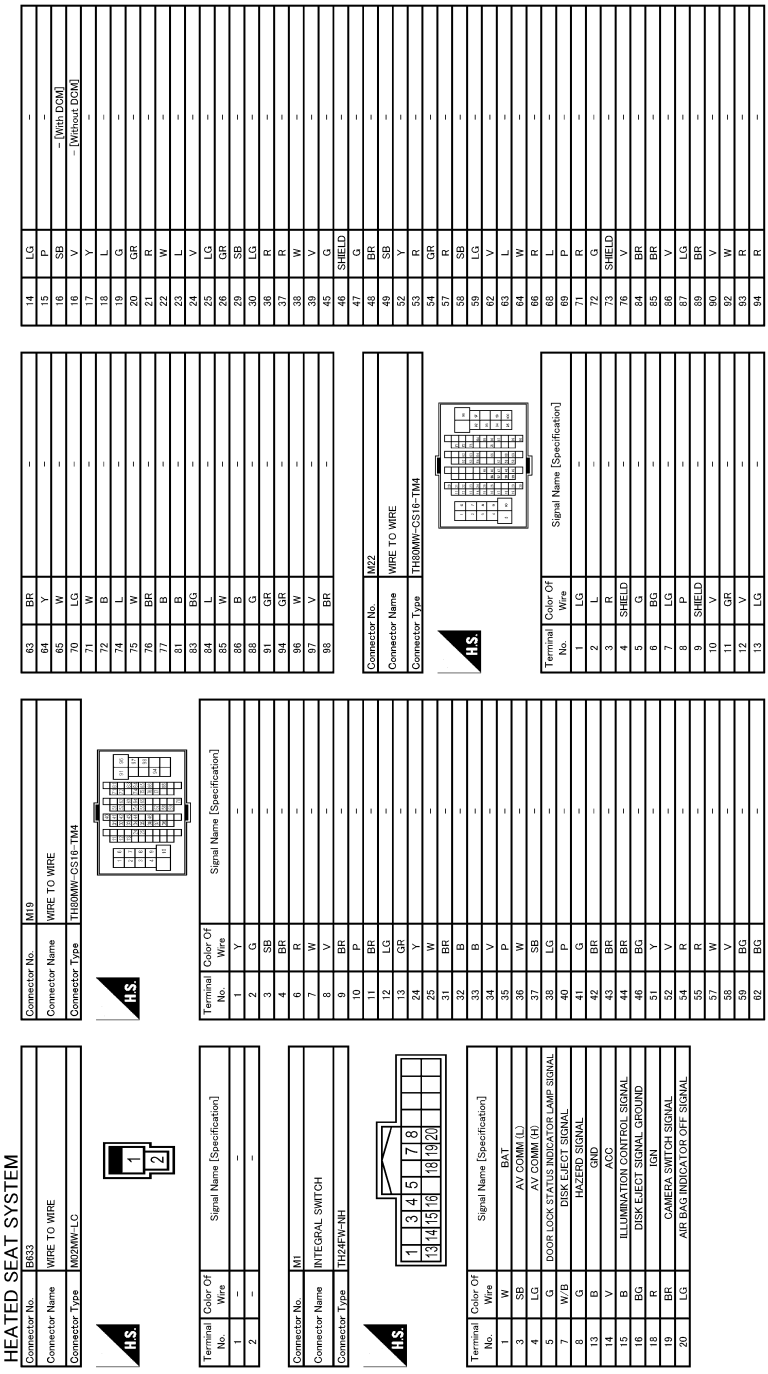

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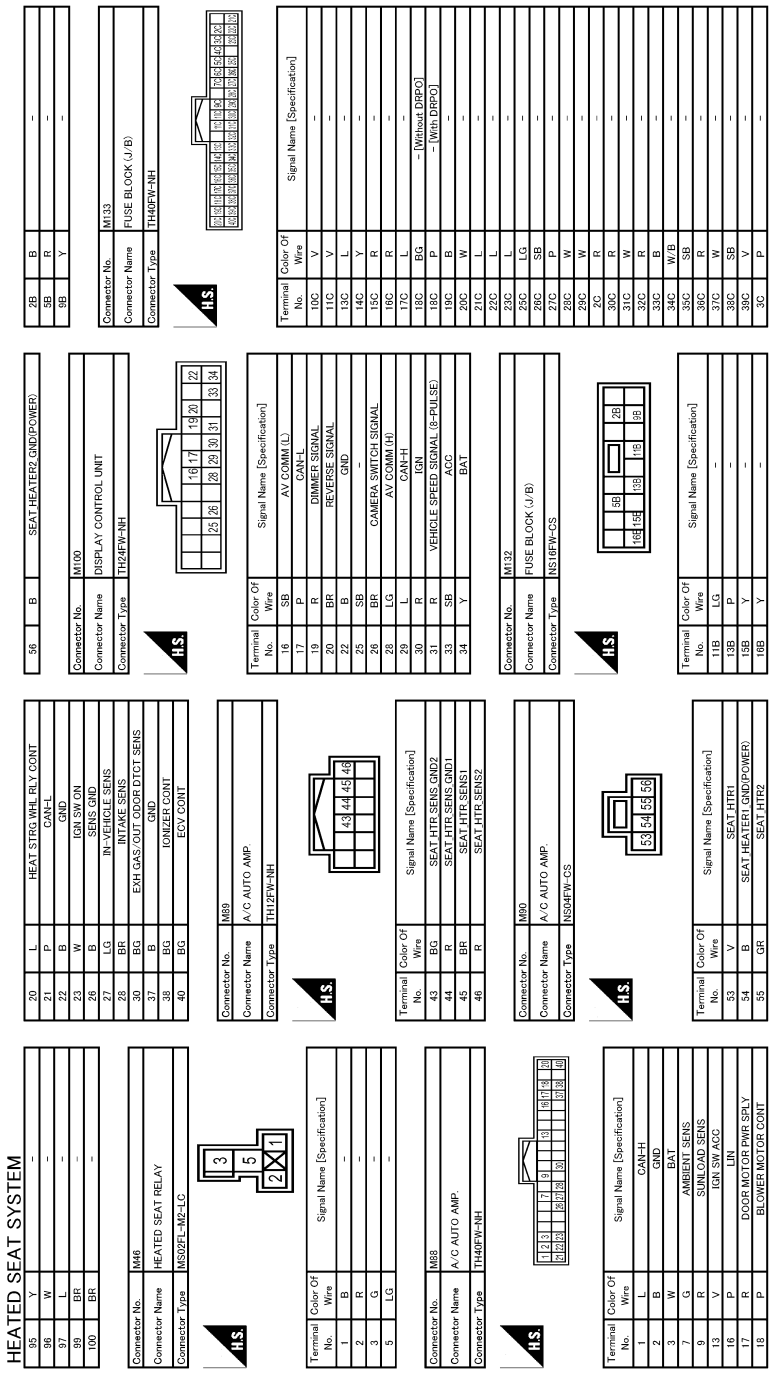

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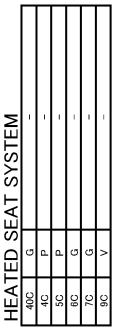

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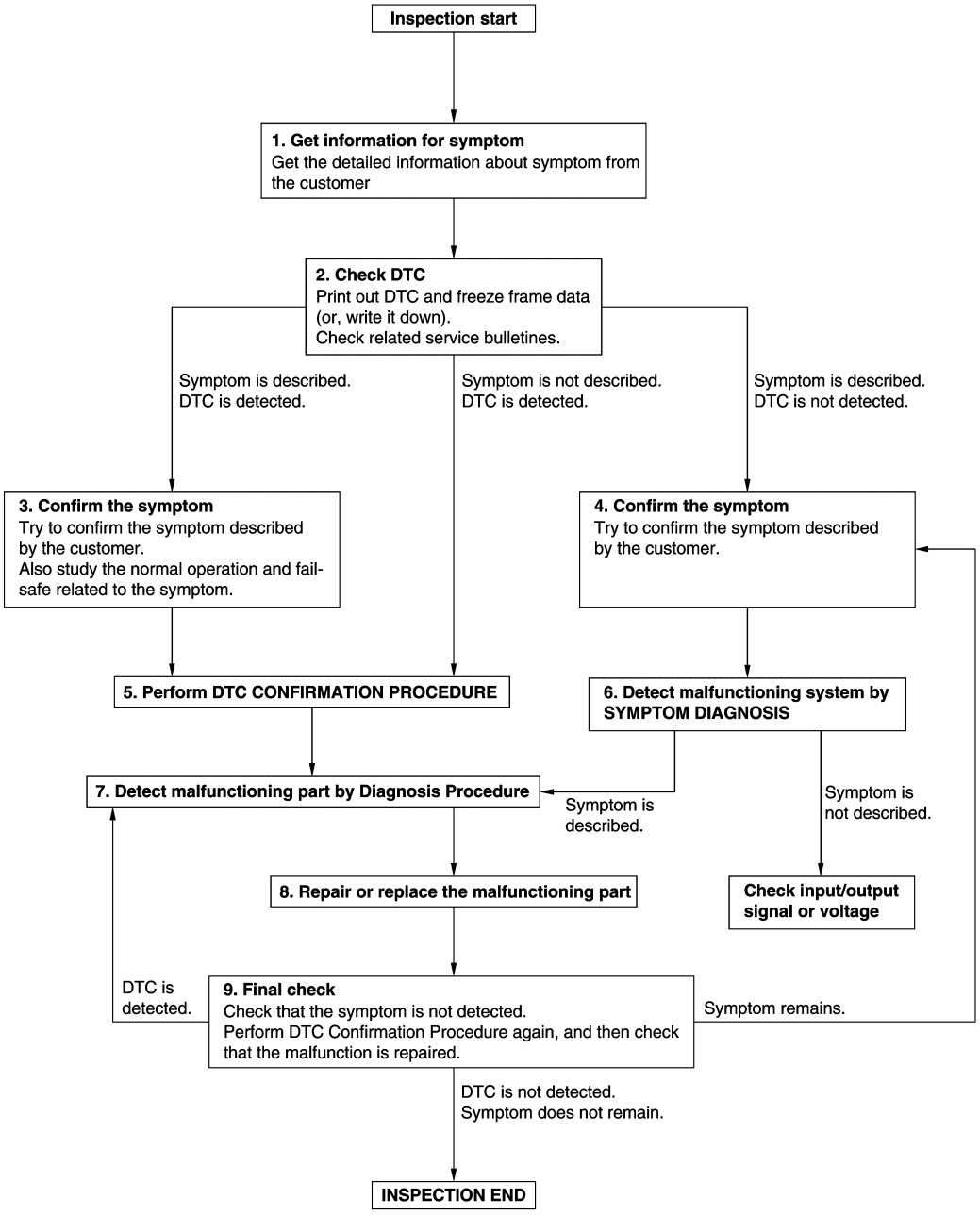
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:0000000009641318

OVERALL SEQUENCE



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DETAILED FLOW

1.GET INFORMATION FOR SYMPTOM

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

>> GO TO 2.

2.CHECK DTC

1. Check DTC.
2. Perform the following procedure if DTC is detected.

- Record DTC and freeze frame data (Print them out using CONSULT.)
- Erase DTC.
- Study the relationship between the cause detected by DTC and the symptom described by the customer.

3. Check related service bulletins for information.

Are any symptoms described and any DTC detected?

Symptom is described, DTC is detected>>GO TO 3.
Symptom is described, DTC is not detected>>GO TO 4.
Symptom is not described, DTC is detected>>GO TO 5.

3.CONFIRM THE SYMPTOM

Try to confirm the symptom described by the customer.
Also study the normal operation and fail-safe related to the symptom.
Verify relation between the symptom and the condition when the symptom is detected.

>> GO TO 5.

4.CONFIRM THE SYMPTOM

Try to confirm the symptom described by the customer.
Verify relation between the symptom and the condition when the symptom is detected.

>> GO TO 6.

5.PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC CONFIRMATION PROCEDURE for the detected DTC, and then check that DTC is detected again. At this time, always connect CONSULT to the vehicle, and check self diagnostic results in real time.
If two or more DTCs are detected, refer to HAC-37, "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 CONFIRMATION PROCEDURE.

Is DTC detected?

YES >> GO TO 7.
NO >> Check according to GI-43, "Intermittent Incident".

6.DETECT MALFUNCTIONING SYSTEM BY SYMPTOM DIAGNOSIS

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

Is the symptom described?

YES >> GO TO 7.
NO >> Monitor input data from related sensors or check voltage of related module terminals using CONSULT.

7.DETECT MALFUNCTIONING PART BY DIAGNOSIS PROCEDURE

Inspect according to Diagnosis Procedure of the system.

Is malfunctioning part detected?

YES >> GO TO 8.
NO >> Check according to GI-43, "Intermittent Incident".

8. REPAIR OR REPLACE THE MALFUNCTIONING PART

1. Repair or replace the malfunctioning part.
2. 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:0000000009641319

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.

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

1. 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-52, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-43, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000009641320

1.CHECK HEAT SENSOR SIGNAL

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

(+)		(–)	Condition		Voltage (Approx.)
A/C auto amp.					
Connector	Terminal				
M89	46	Ground	Ignition switch	OFF	0 V
				ON	5 V

Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-113, "Removal and Installation".
NO >> GO TO 2.

2.CHECK HEAT SENSOR SIGNAL CIRCUIT

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

A/C auto amp.		Seat cushion heater		Continuity
Connector	Terminal	Connector	Terminal	
M89	46	B612	46	Existed

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

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

Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".
NO >> Repair or replace harness.

B277F HEAT SENSOR

DTC Description

INFOID:0000000009641321

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

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

1. 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-54, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-43, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000009641322

1.CHECK HEAT SENSOR SIGNAL

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

(+)		(–)	Condition		Voltage (Approx.)
A/C auto amp.					
Connector	Terminal				
M89	46	Ground	Ignition switch	OFF	0 V
				ON	5 V

Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-113, "Removal and Installation".
NO >> GO TO 2.

2.CHECK HEAT SENSOR SIGNAL CIRCUIT

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

A/C auto amp.		Seat cushion heater		Continuity
Connector	Terminal	Connector	Terminal	
M89	46	B612	46	Existed

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

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

Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".
NO >> Repair or replace harness.

B27AF HEAT SENSOR

DTC Description

INFOID:0000000009641323

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

1. 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-56, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-43, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000009641324

1.CHECK HEAT SENSOR SIGNAL

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

(+)		(–)	Condition		Voltage (Approx.)
A/C auto amp.					
Connector	Terminal				
M89	45	Ground	Ignition switch	OFF	0 V
				ON	5 V

Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-113, "Removal and Installation".
NO >> GO TO 2.

2.CHECK HEAT SENSOR SIGNAL CIRCUIT

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

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

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

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

Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".
NO >> Repair or replace harness.

B27CF HEAT SENSOR

DTC Description

INFOID:0000000009641325

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

1. 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-58, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-43, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000009641326

1.CHECK HEAT SENSOR SIGNAL

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

(+)		(–)	Condition		Voltage (Approx.)
A/C auto amp.					
Connector	Terminal				
M89	45	Ground	Ignition switch	OFF	0 V
				ON	5 V

Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-113, "Removal and Installation".
NO >> GO TO 2.

2.CHECK HEAT SENSOR SIGNAL CIRCUIT

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

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

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

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

Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".
NO >> Repair or replace harness.

HEATED SEAT RELAY

Component Function Check

INFOID:0000000009641327

1.CHECK HEATED SEAT RELAY 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-60, "Diagnosis Procedure"

Diagnosis Procedure

INFOID:0000000009641328

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.

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

Is the inspection result normal?

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

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

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

Heated seat relay		Ground	Continuity
Connector	Terminal		
M46	2		Not existed

Is the inspection result normal?

YES >> Check 5 A fuse [No.14, located in the fuse block (J/B)]
NO >> Repair or replace harness.

3.CHECK HEATED SEAT RELAY GROUND CIRCUIT

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

Heated seat relay		Ground	Continuity
Connector	Terminal		
M46	1		Existed

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace harness.

4.CHECK HEATED SEAT RELAY

Check heated seat relay.
Refer to SE-61, "Component Inspection".

Is the inspection result normal?

YES >> GO TO 5.
NO >> Replace heated seat relay.

5.CHECK INTERMITTENT INCIDENT

Check intermittent incident.
Refer to GI-43, "Intermittent Incident".

>> INSPECTION END

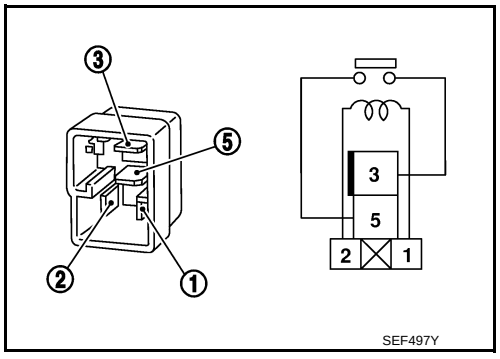
Component Inspection

INFOID:0000000009641329

1.CHECK HEATED SEAT RELAY

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

Terminal		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
DRIVER SIDE

DRIVER SIDE : Component Function Check

INFOID:0000000009641331

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-62, "DRIVER SIDE : Diagnosis Procedure".

DRIVER SIDE : Diagnosis Procedure

INFOID:0000000009641332

1.CHECK SEAT CUSHION HEATER POWER SUPPLY

Check voltage between seat cushion heater harness connector and ground.

(+)		(–)	Condition		Voltage (Approx.)
Seat cushion heater					
Connector	Terminal				
B612	45	Ground	Ignition switch	ON	Battery voltage
				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.
3. Check continuity between seat cushion heater harness connector and heated seat relay harness connector.

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

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

Seat cushion heater		Ground	Continuity
Connector	Terminal		
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.

(+)		(–)	Condition		Voltage (Approx.)
Seat cushion heater					
Connector	Terminal				
B612	48	Ground	Heated seat system	Operated	0 V
				Not operated	Battery voltage

Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to SE-85, "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 cushion heater		A/C auto amp.		Continuity
Connector	Terminal	Connector	Terminal	
B612	48	M90	55	Existed

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

Seat cushion heater		Ground	Continuity
Connector	Terminal		
B612	48		Not existed

Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-113, "Removal and Installation".
NO >> Repair or replace harness.

PASSENGER SIDE

PASSENGER SIDE : Component Function Check

INFOID:0000000009641335

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-63, "PASSENGER SIDE : Diagnosis Procedure".

PASSENGER SIDE : Diagnosis Procedure

INFOID:0000000009641336

1. CHECK SEAT CUSHION HEATER POWER SUPPLY

Check voltage between seat cushion heater harness connector and ground.

(+)		(–)	Condition		Voltage (Approx.)
Seat cushion heater					
Connector	Terminal				
B619	45	Ground	Ignition switch	ON	Battery voltage
				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.
3. Check continuity between seat cushion heater harness connector and heated seat relay harness connector.

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

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

Seat cushion heater		Ground	Continuity
Connector	Terminal		
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.

(+)		(–)	Condition		Voltage (Approx.)
Seat cushion heater					
Connector	Terminal				
B619	48	Ground	Heated seat system	Operated	0 V
				Not operated	Battery voltage

Is the inspection result normal?

YES >> Replace seat cushion trim. Refer to SE-85, "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 cushion heater		A/C auto amp.		Continuity
Connector	Terminal	Connector	Terminal	
B619	48	M90	53	Existed

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

Seat cushion heater		Ground	Continuity
Connector	Terminal		
B619	48		Not existed

Is the inspection result normal?

YES >> Replace A/C auto amp. Refer to HAC-113, "Removal and Installation".
NO >> Repair or replace harness.

SEATBACK HEATER

DRIVER SIDE

DRIVER SIDE : Component Function Check

INFOID:0000000009763925

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-65, "DRIVER SIDE : Diagnosis Procedure".

DRIVER SIDE : Diagnosis Procedure

INFOID:0000000009763926

1.CHECK SEATBACK HEATER POWER SUPPLY

Check voltage between seatback heater harness connector and ground.

(+)		(–)	Condition		Voltage (Approx.)
Seatback heater					
Connector	Terminal				
B630	2	Ground	Ignition switch	ON	Battery voltage
				Other than above	0 V

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace seat cushion trim. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".

2.CHECK SEATBACK HEATER CONTROL SIGNAL CIRCUIT

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

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

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

Seatback heater		Ground	Continuity
Connector	Terminal		
B630	1		Not existed

Is the inspection result normal?

YES >> Replace seatback trim. Refer to SE-80, "SEATBACK : Disassembly and Assembly".
NO >> Replace seat cushion trim. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".

PASSENGER SIDE

PASSENGER SIDE : Component Function Check

INFOID:0000000009763927

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-66, "PASSENGER SIDE : Diagnosis Procedure".

PASSENGER SIDE : Diagnosis Procedure

INFOID:0000000009763928

1.CHECK SEATBACK HEATER POWER SUPPLY

Check voltage between seatback heater harness connector and ground.

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

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace seat cushion trim. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".

2.CHECK SEATBACK HEATER CONTROL SIGNAL CIRCUIT

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

Seatback heater		Seat cushion heater		Continuity
Connector	Terminal	Connector	Terminal	
B632	1	B619	48	Existed

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

Seatback heater		Ground	Continuity
Connector	Terminal		
B632	1		Not existed

Is the inspection result normal?

YES >> Replace seatback trim. Refer to SE-80, "SEATBACK : Disassembly and Assembly".
NO >> Replace seat cushion trim. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".

SYMPTOM DIAGNOSIS

HEATED SEAT DOES NOT OPERATE

Diagnosis Procedure

INFOID:0000000009641369

1.CHECK HEATED SEAT RELAY

Check heated seat relay.
Refer to SE-60, "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 SE-62, "DRIVER SIDE : Component Function Check" (driver side) or SE-63, "PASSENGER SIDE : Component Function Check" (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 SE-65, "DRIVER SIDE : Component Function Check" (driver side) or SE-65, "PASSENGER SIDE : Component Function Check" (passenger side).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Repair or replace the malfunctioning parts.

4.REPLACE A/C AUTO AMP.

Replace A/C auto amp. Refer to HAC-113, "Removal and Installation".

Is the inspection result normal?

YES >> INSPECTION END
NO >> Check intermittent incident. Refer to GI-43, "Intermittent Incident".

STEERING POSITION FUNCTION DOES NOT OPERATE

Diagnosis Procedure

INFOID:0000000009641373

1.CHECK AUTOMATIC DRIVE POSITIONER CONTROL UNIT POWER SUPPLY AND GROUND CIRCUIT

Check automatic drive positioner control unit power supply and ground circuit.
Refer to ADP-75, "AUTOMATIC DRIVE POSITIONER CONTROL UNIT : Diagnosis 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-85, "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-87, "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 ADP-105, "Component Function Check".

Is the inspection result normal?

YES >> GO TO 5.
NO >> Repair or replace the malfunctioning parts.

5.CHECK TELESCOPIC SENSOR

Check telescopic sensor.
Refer to ADP-108, "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-146, "Removal and Installation".

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-145, "Removal and Installation".

Is the inspection result normal?

YES >> INSPECTION END
NO >> Check intermittent incident. Refer to GI-43, "Intermittent Incident".

TILT FUNCTION DOES NOT OPERATE

Diagnosis Procedure

INFOID:0000000009641374

1.CHECK TILT SWITCH

Check tilt switch.
Refer to ADP-85, "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-123, "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-105, "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-43, "Intermittent Incident".
NO >> GO TO 1.

TELESCOPIC FUNCTION DOES NOT OPERATE

Diagnosis Procedure

INFOID:0000000009641375

1.CHECK TELESCOPIC SWITCH

Check telescopic switch.
Refer to ADP-87, "Component Function Check".

Is the inspection result normal?

YES >> GO TO 2.
NO >> Repair or replace the malfunctioning parts.

2.CHECK TELESCOPIC MOTOR

Check telescopic motor.
Refer to ADP-125, "Component Function Check".

Is the inspection result normal?

YES >> GO TO 3.
NO >> Repair or replace the malfunctioning parts.

3.CHECK TELESCOPIC SENSOR

Check telescopic sensor.
Refer to ADP-108, "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.

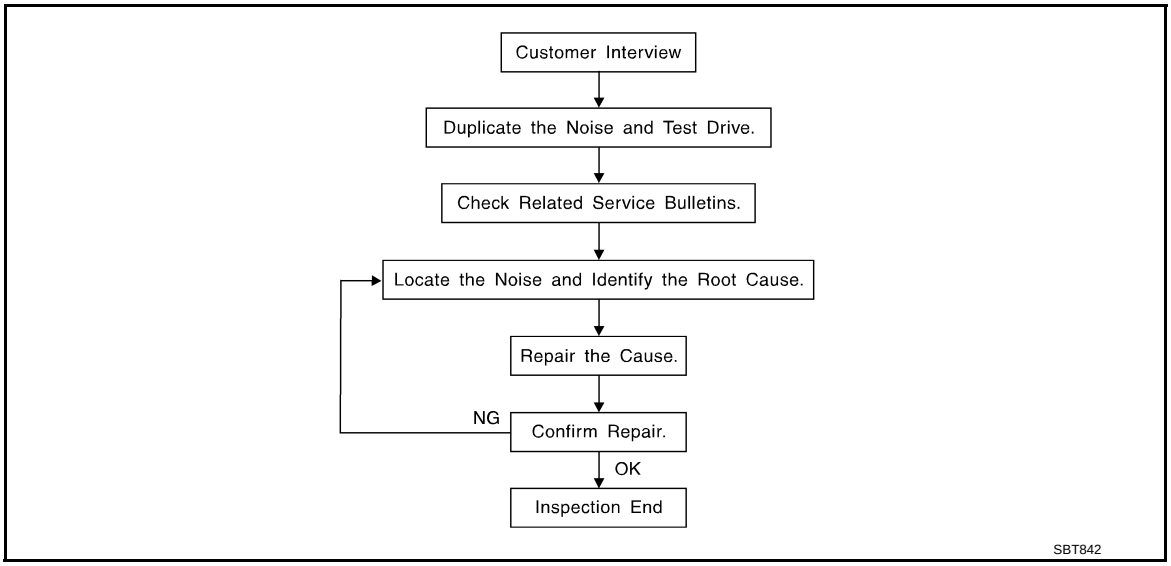
Is the inspection result normal?

YES >> Check intermittent incident. Refer to GI-43, "Intermittent Incident".
NO >> GO TO 1.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:0000000009237864



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 SE-75, "Diagnostic Worksheet". 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.

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.
2) Tap or push/pull around the area where the noise appears to be coming from.
3) Rev the engine.
4) Use a floor jack to recreate vehicle “twist”.
5) At idle, apply engine load (electrical load, half-clutch on M/T models, drive position on A/T models).
6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.

- Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.
- 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.

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).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:

- Removing the components in the area that is are suspected to be the cause of the noise.
  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.
- 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 temporarily.
- Feeling for a vibration by hand by touching the component(s) that is are suspected to be the cause of the noise.
- Placing a piece of paper between components that are suspected to be the cause of the noise.
- Looking for loose components and contact marks.
  Refer to SE-73, "Inspection Procedure".

REPAIR THE CAUSE

- If the cause is a loose component, tighten the component securely.
- If the cause is insufficient clearance between components:

- Separate components by repositioning or loosening and retightening the component, if possible.
- Insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape or urethane tape. A Nissan Squeak and Rattle Kit (J-50397) is available through the authorized Nissan Parts Department.

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.
URETHANE PADS [1.5 mm (0.059 in) thick]
Insulates connectors, harness, etc.
76268-9E005: 100 × 135 mm (3.94 × 5.31 in)/76884-71L01: 60 × 85 mm (2.36 × 3.35 in)/76884-71L02:15 × 25 mm (0.59 × 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 × 50 mm (1.97 × 1.97 in)/73982-50Y00: 10 mm (0.39 in) thick, 50 × 50 mm (1.97 × 1.97 in)
INSULATOR (Light foam block)
80845-71L00: 30 mm (1.18 in) thick, 30 × 50 mm (1.18 × 1.97in)
FELT CLOTHTAPE
Used to insulate where movement does not occur. Ideal for instrument panel applications.
68370-4B000: 15 × 25 mm (0.59 × 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

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:0000000009237865

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
2. 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
2. 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
2. 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
2. Trunk lid striker out of adjustment
3. The trunk lid torsion bars knocking together
4. A loose license plate or bracket

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:

1. Sunroof lid, rail, linkage or seals making a rattle or light knocking noise
2. 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:

1. 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
3. Engine wall mounts and connectors
4. Loose radiator mounting pins
5. Hood bumpers out of adjustment
6. 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.

Diagnostic Worksheet

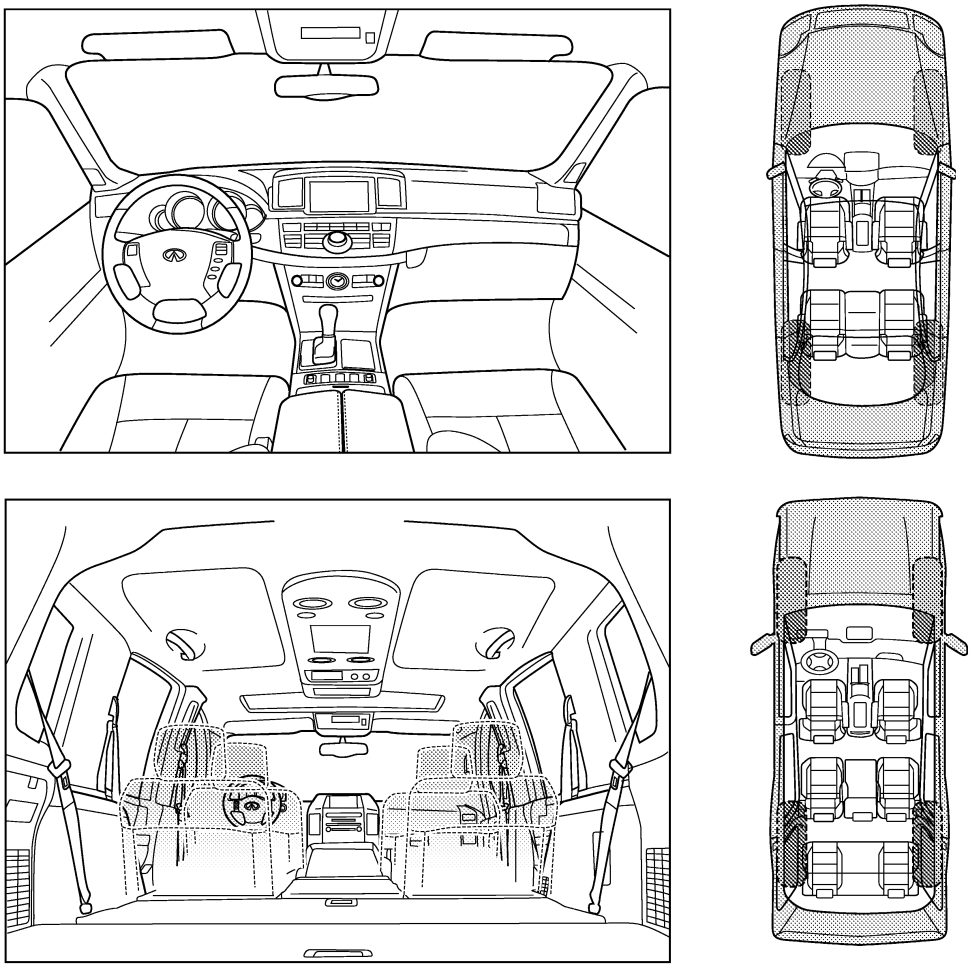
INFOID:0000000009237866

INFINITI

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.

PIIB8741E

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

_____

_____

II. WHEN DOES IT OCCUR? (please check the boxes that apply)

- ☐ anytime
- ☐ 1st time in the morning
- ☐ only when it is cold outside
- ☐ only when it is hot outside
- ☐ after sitting out in the rain
- ☐ when it is raining or wet
- ☐ dry or dusty conditions
- ☐ other:

III. WHEN DRIVING:

- ☐ through driveways
- ☐ over rough roads
- ☐ over speed bumps
- ☐ only about ____ mph
- ☐ on acceleration
- ☐ coming to a stop
- ☐ on turns: left, right or either (circle)
- ☐ with passengers or cargo
- ☐ other: _____
- ☐ after driving _____ miles or _____ minutes

IV. WHAT TYPE OF NOISE

- ☐ squeak (like tennis shoes on a clean floor)
- ☐ creak (like walking on an old wooden floor)
- ☐ rattle (like shaking a baby rattle)
- ☐ knock (like a knock at the door)
- ☐ tick (like a clock second hand)
- ☐ thump (heavy, muffled knock noise)
- ☐ buzz (like a bumble bee)

TO BE COMPLETED BY DEALERSHIP PERSONNEL

Test Drive Notes:

_____

_____

_____

	YES	NO	Initials of person performing
Vehicle test driven with customer	☐	☐	_____
- Noise verified on test drive	☐	☐	_____
- Noise source located and repaired	☐	☐	_____
- Follow up test drive performed to confirm repair	☐	☐	_____

VIN: _____ Customer Name: _____

W.O.# _____ Date: _____

This form must be attached to Work Order

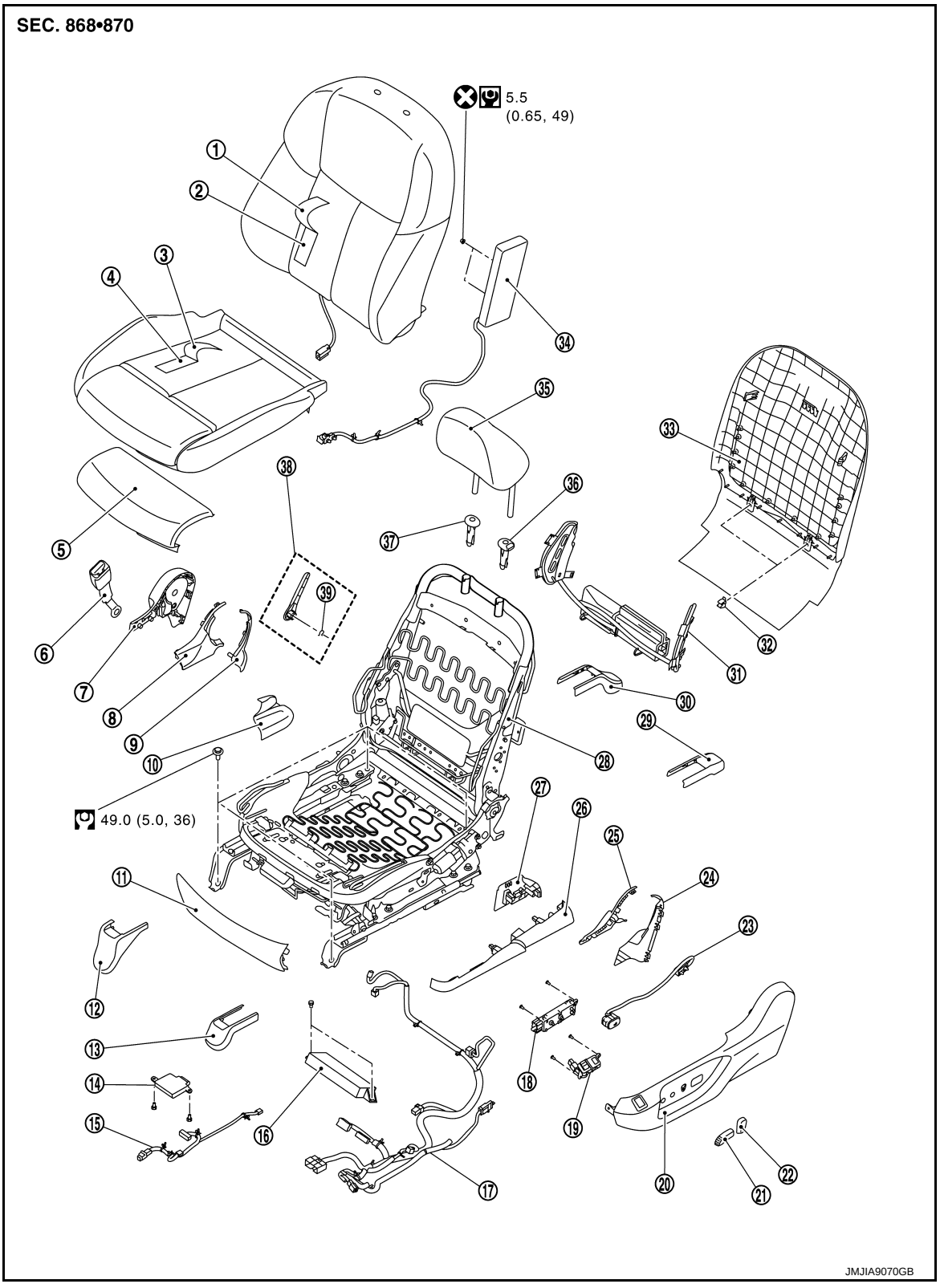
PIIB8742E

REMOVAL AND INSTALLATION

FRONT SEAT

Exploded View

INFOID:0000000009687503



① Seatback trim	② Seatback pad	③ Seat cushion trim
④ Seat cushion pad	⑤ Forward pad	⑥ Seat belt buckle *
⑦ Seat cushion outside finisher inner side	⑧ Seat cushion inside finisher inner side front	⑨ Seat cushion inside finisher inner side rear
⑩ Seat cushion lowside finisher inner side	⑪ Seat cushion forward finisher	⑫ Front leg cover inner side
⑬ Front leg cover outer side	⑭ Occupant detection system control unit	⑮ ODS harness connector
⑯ Driver seat control unit	⑰ Harness assembly	⑱ Power seat switch
⑲ Side support switch	⑳ Seat cushion outside finisher outer side	㉑ Slide knob
㉒ Reclining knob	㉓ Lumber support switch	㉔ Seat cushion inside finisher outer side rear
㉕ Seat cushion inside finisher outer side front	㉖ Seat cushion outside finisher outer side lower	㉗ Seat cushion inside finisher outer side lower
㉘ Seat frame	㉙ Rear leg cover outer side	㉚ Rear leg cover inner side
㉛ side support assembly	㉜ M-clip	㉝ Seatback board
㉞ Side air bag assembly	㉟ Headrest	㊱ Headrest holder (lock)
㊲ Headrest holder (free)	㊳ Lumber lever	㊴ Snap ring

: Always replace after every disassembly.

: N·m (kg-m, in-lb)

: N·m (kg-m, ft-lb)

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

Removal and Installation

INFOID:0000000009687504

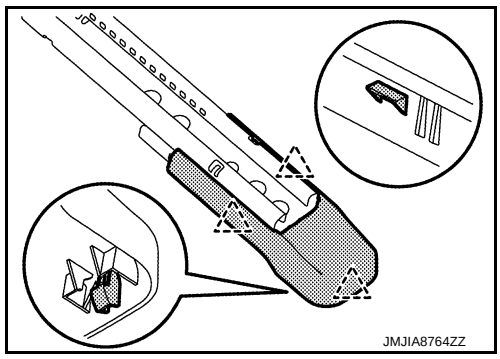
DANGER:
- **Before disconnect, push ignition switch OFF, disconnect battery negative terminal and then wait for at least 3 minutes (discharges electricity held in the additional power supply circuit of the air bag diagnosis sensor unit).**
- **Never use air tools or electric tools for servicing (prevents 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

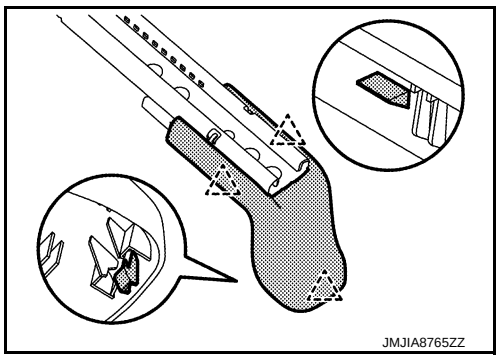
1. Remove headrest.
2. Slide seat to the frontmost position.
3. Remove rear leg cover.
   Disengage rear leg cover fixing pawls, and then remove rear leg cover.
   - Outer side

: Pawl



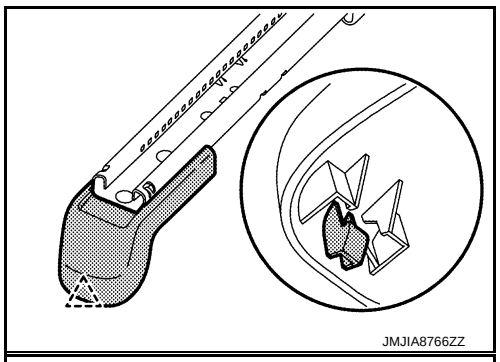
- Inner side

: Pawl



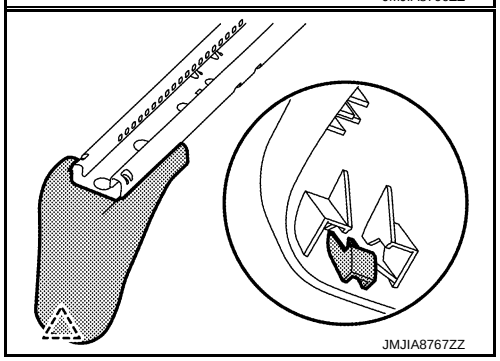
4. Remove front seat rear fixing bolts.
5. Slide seat to the rearmost position.
6. Remove front leg cover.
   Disengage front leg cover fixing pawl, and then remove front leg cover.
   - Outer side

: Pawl



   - Inner side

: Pawl



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

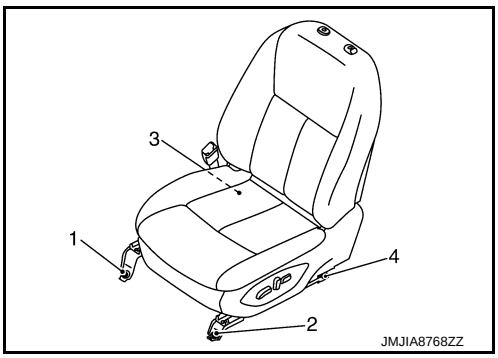
   WARNING:
   Before disconnect, turn ignition switch OFF, disconnect battery negative terminal and then wait for at least 3 minutes (discharges electricity held in the additional power supply circuit of the air bag diagnosis sensor unit).
   CAUTION:
   Before performing removal operation, check the installation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

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



SEATBACK

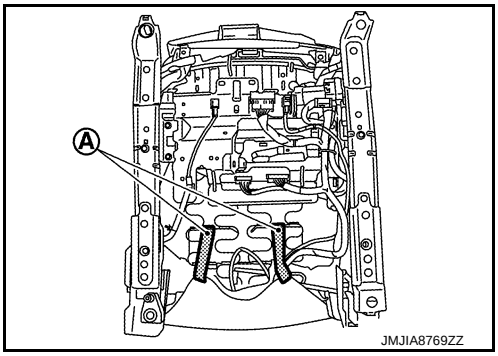
SEATBACK : Disassembly and Assembly

INFOID:0000000009687505

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

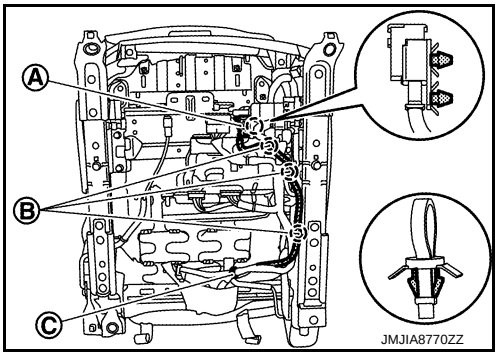
DISASSEMBLY

1. Disengage seatback board fixing rubber band Ⓐ.



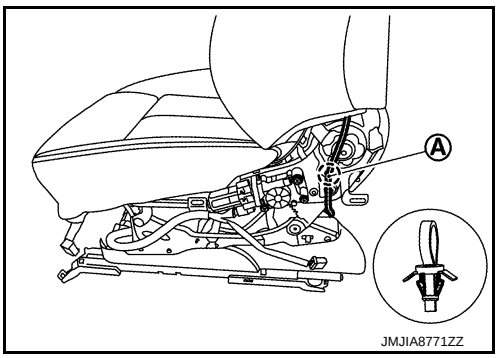
2. Disengage side air bag harness connector fixing clips Ⓐ, harness clips Ⓑ and cut cable tie Ⓒ.

: Clip



3. Remove seat cushion outside finisher outer side. Refer to SE-87, "SEAT CUSHION FINISHER : Removal and Installation".
4. Disengage side air bag harness clip Ⓐ.

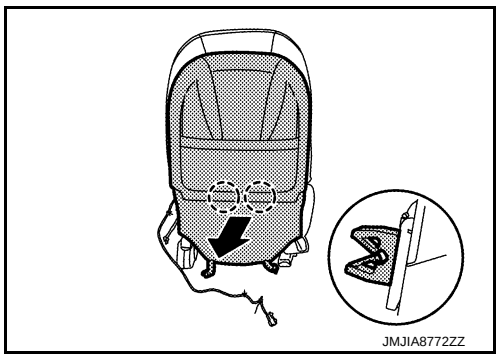
: Clip



5. Remove seatback board.

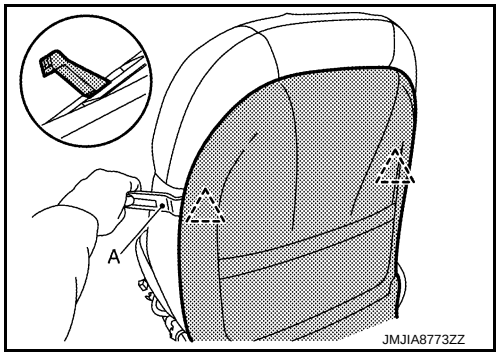
a. Disengage seatback board fixing M-clips.

: Clip

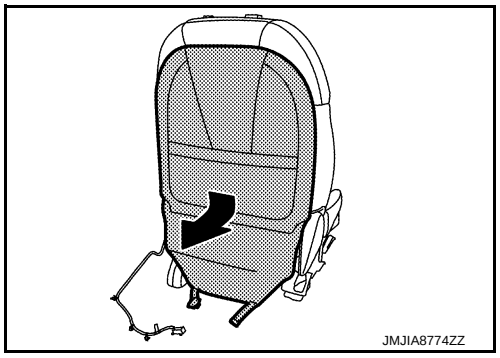


b. Disengage seatback board fixing pawls using a remover tool (A).

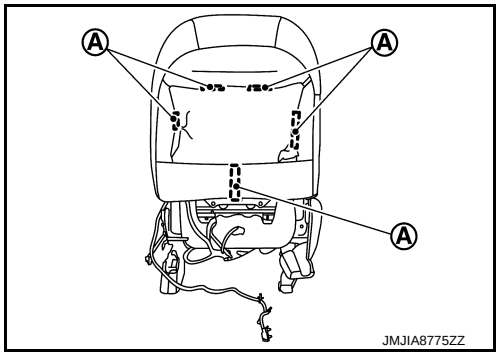
: Pawl



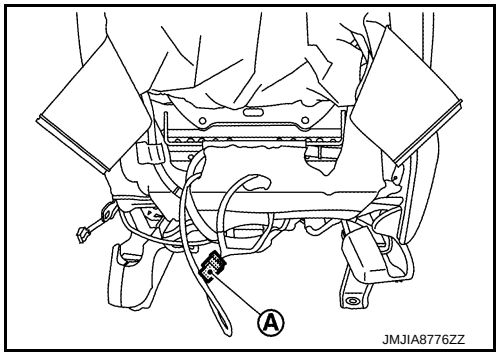
c. Remove seatback board to pull down.



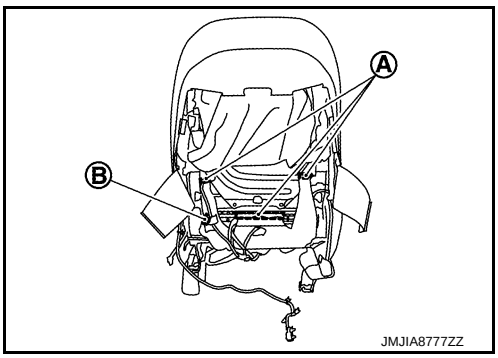
6. Disengage seatback retainer Ⓐ.



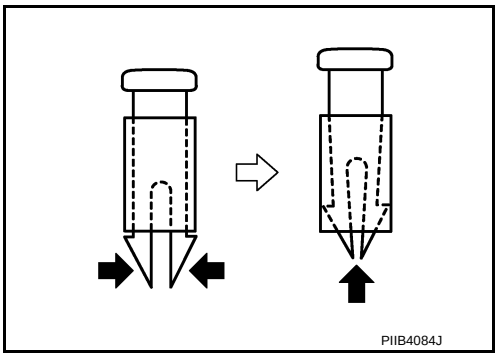
7. Disconnect seat heater harness connector Ⓐ.



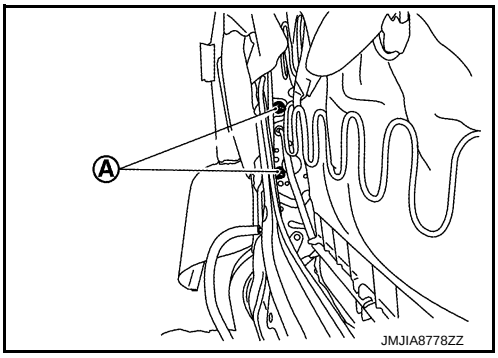
8. Disengage seatback retainer Ⓐ and hook-and-loop fastener Ⓑ.



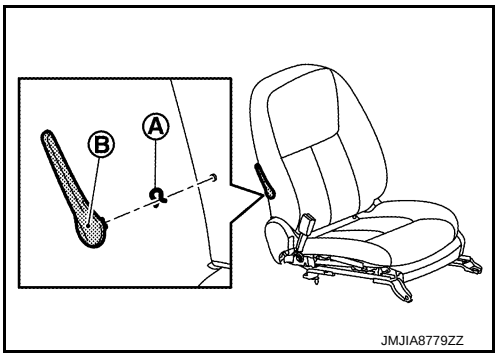
9. Remove headrest holder.
CAUTION:
Before installing headrest holder check its orientation (front / rear and right / left).
Remove the headrest holder by raising it while pinching the pawls from the bottom of the headrest holder.



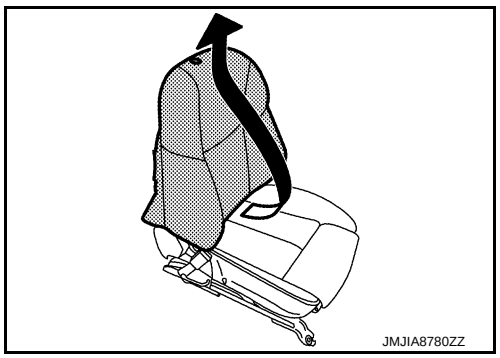
10. Remove side air bag fixing nuts Ⓐ.



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

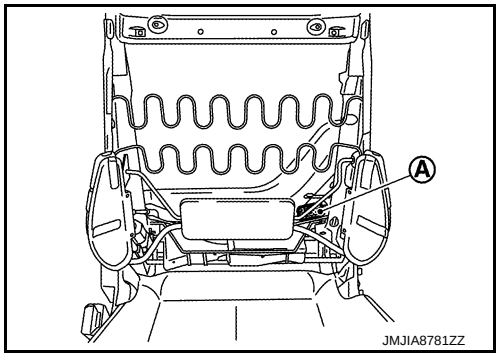


12. Remove seatback trim and seatback pad as a set.

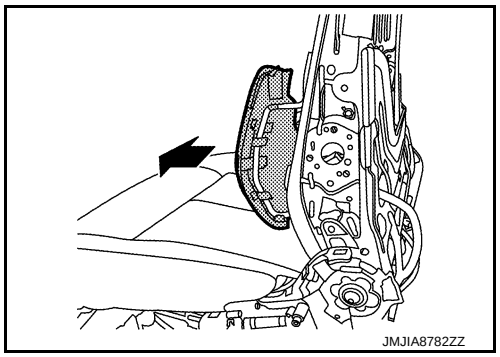


13. Remove side support assembly (if equipped).

a. Disconnect side support assembly harness connector Ⓐ.

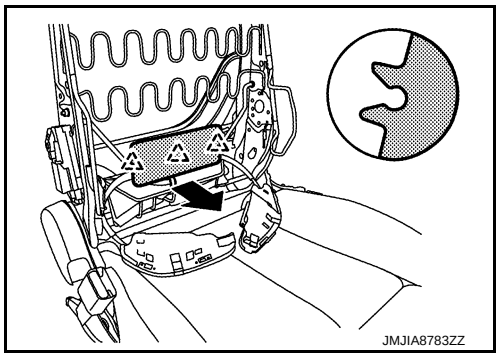


b. Remove side support pad.

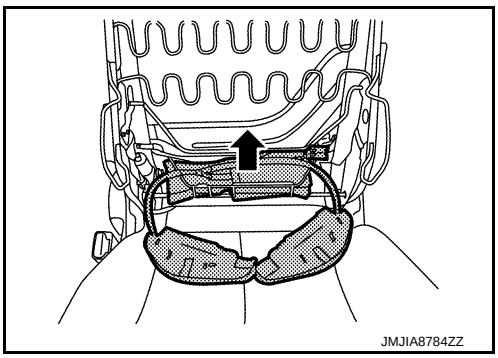


c. Disengage lumber support pad fixing pawls, and then remove lumber support pad.

△ : Pawl



d. Remove side support assembly.


JMJIA8784ZZ

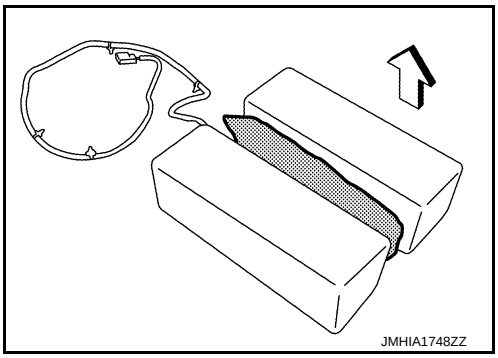
14. Separate seatback trim and seatback pad.

a. Remove side air bag assembly.

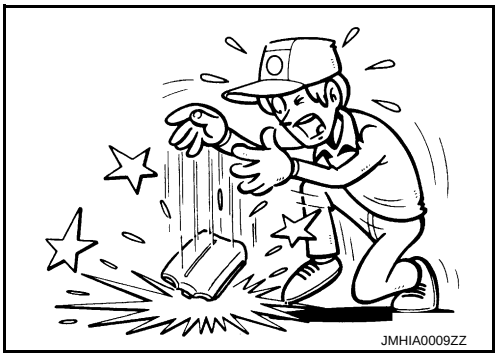
CAUTION:

- **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


JMHIA1748ZZ

- **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.**


JMHIA0009ZZ

- **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.**

SEAT CUSHION

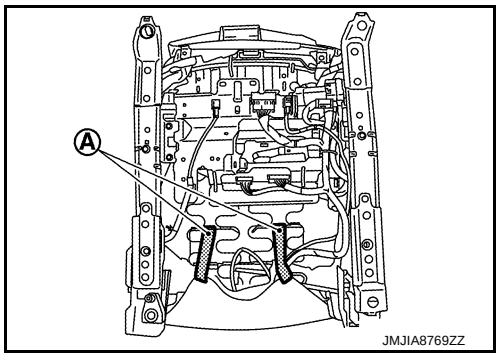
SEAT CUSHION : Disassembly and Assembly

INFOID:0000000009687506

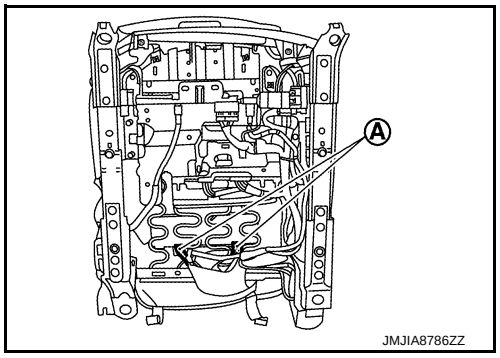
CAUTION:
When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

DISASSEMBLY

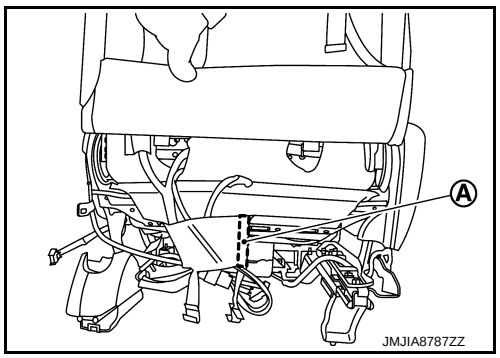
1. Disengage seatback board fixing rubber band Ⓐ.



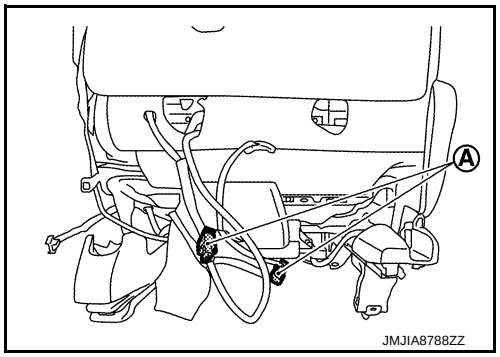
2. Disengage seat cushion trim fixing rubber band Ⓐ.



3. Remove seat cushion outside finisher outer side. Refer to SE-87, "SEAT CUSHION FINISHER : Removal and Installation"
4. Disengage seat cushion trim fixing hook-and-loop fastener Ⓐ.

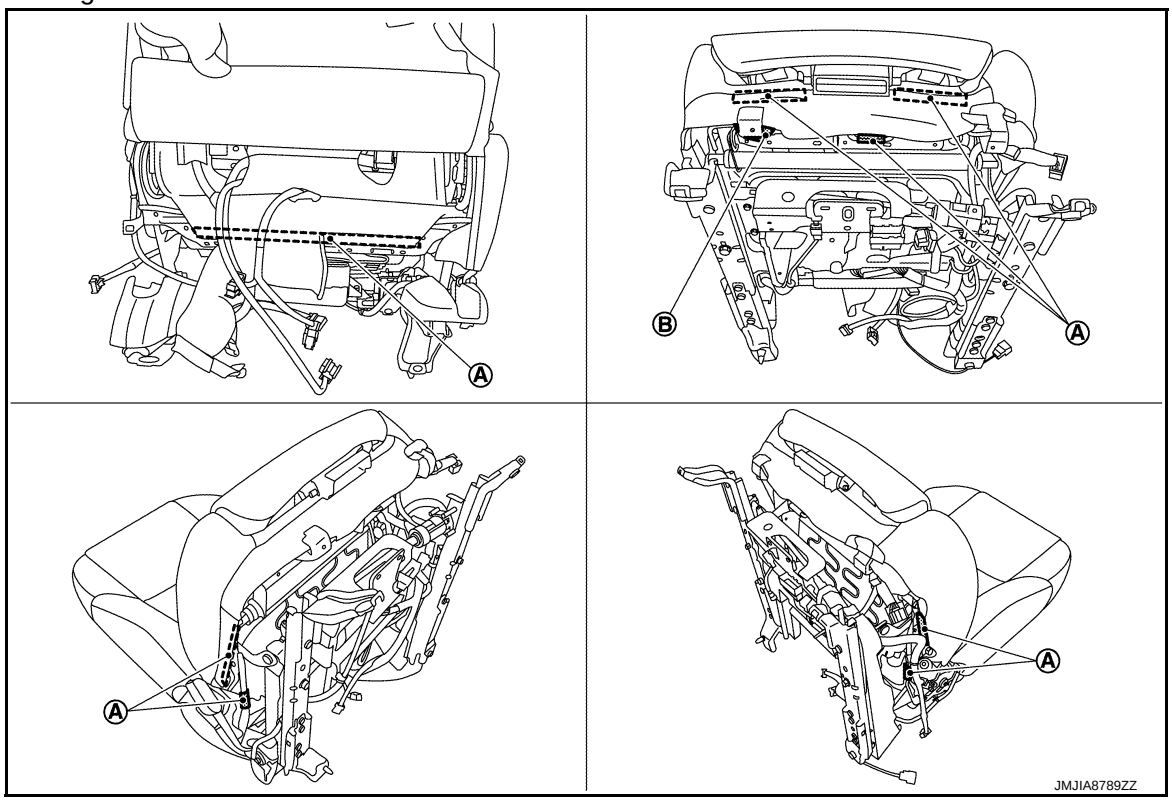


5. Disconnect seat heater harness connector Ⓐ.

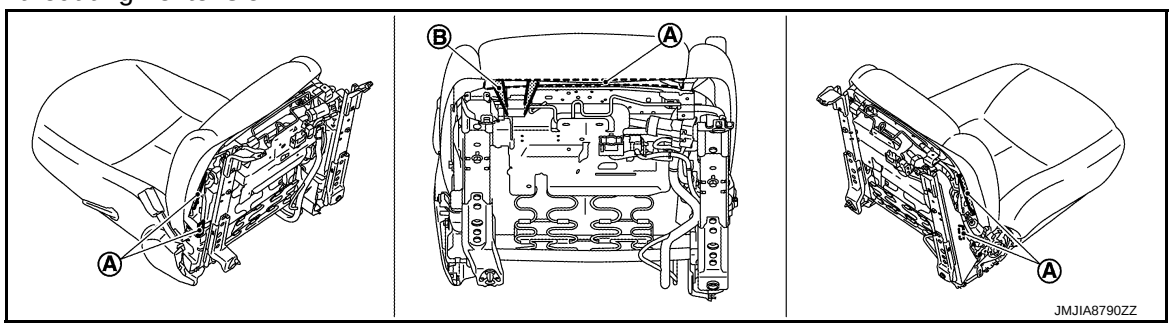


6. Disengage seat cushion retainer Ⓐ and rubber band Ⓑ.

- With thigh extension



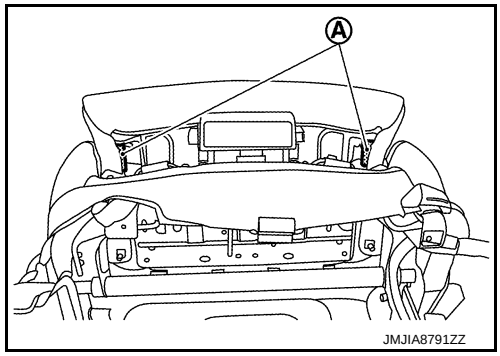
- Without thigh extension



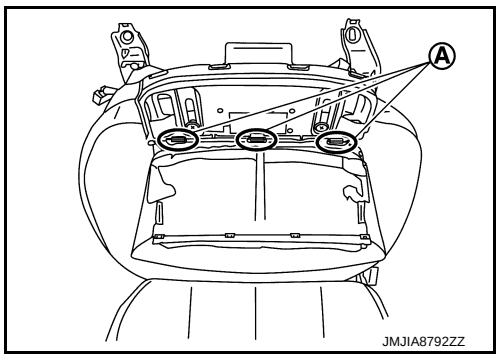
7. Remove seat cushion retainer of thigh extension portion (with thigh extension only).

a. Extend thigh extension.

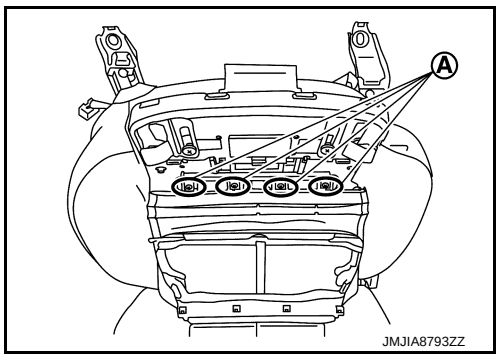
b. Remove seat cushion retainer Ⓐ, and then roll up seat cushion trim and thigh extension pad as a set.



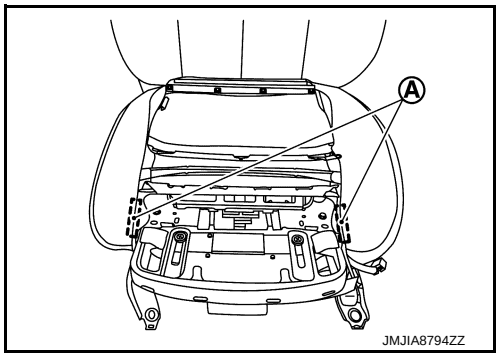
c. Disengage seat cushion trim fixing portion Ⓐ.



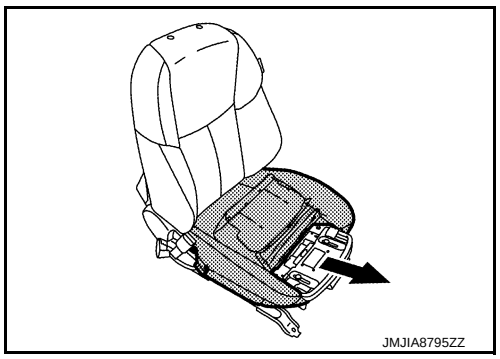
d. Disengage seat cushion trim fixing portion Ⓐ.



e. Remove seat cushion retainer Ⓐ.



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



9. 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

INFOID:0000000009687507

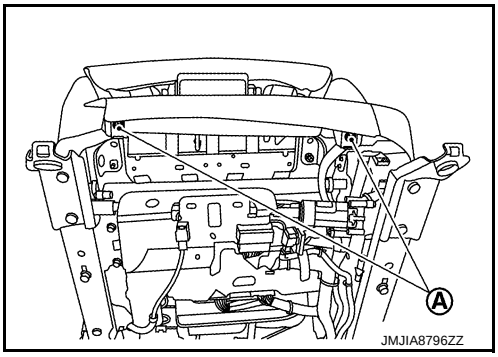
SEAT CUSHION FORWARD FINISHER

Removal

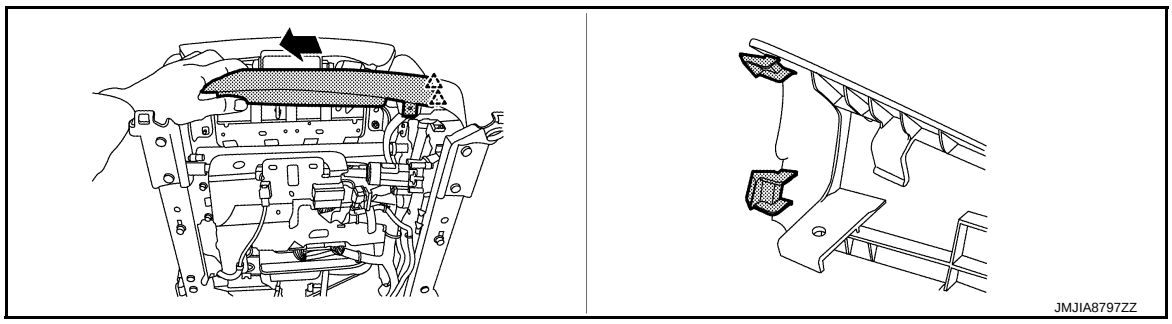
CAUTION:

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 Ⓐ.



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



: Pawl

Installation

Install in the reverse order of removal.

SEAT CUSHION INSIDE FINISHER

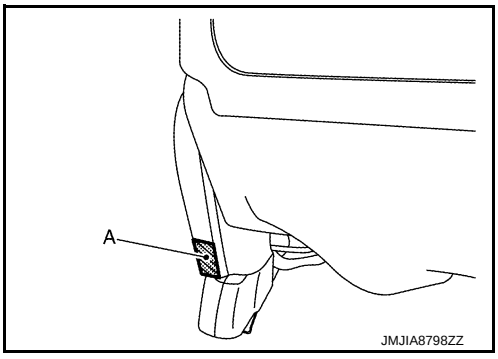
Removal

CAUTION:

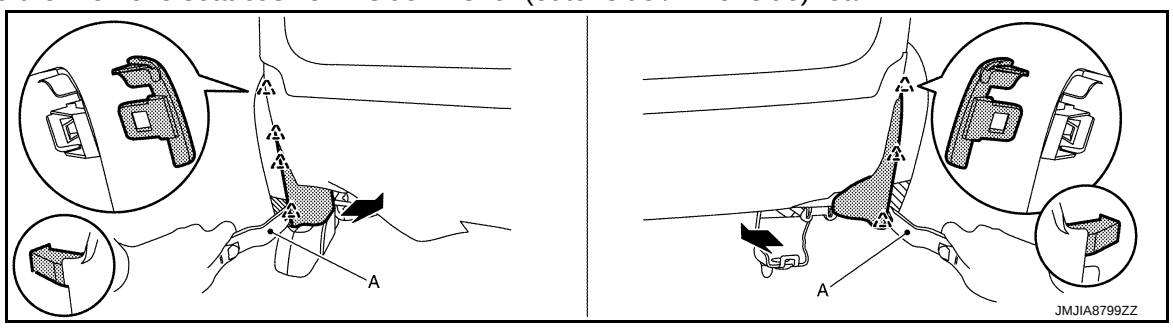
When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

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

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



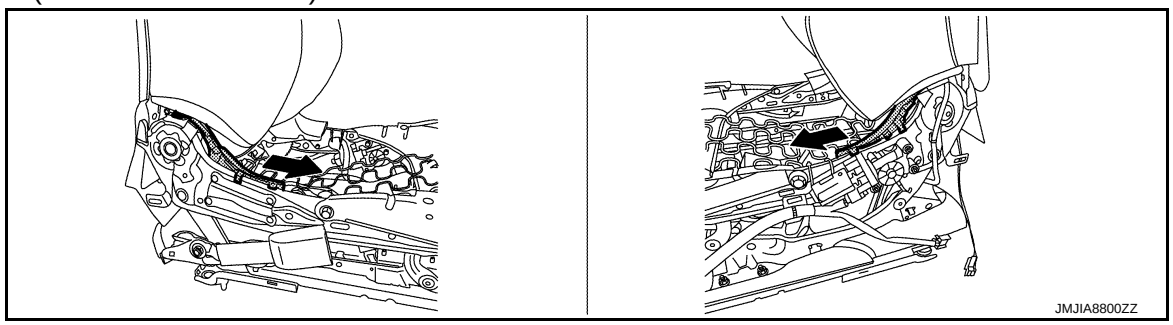
2. Disengage seat cushion inside finisher (outer side / inner side) rear fixing pawls using a remover tool (A), and then remove seat cushion inside finisher (outer side / inner side) rear.



: Pawl

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

1. Remove seat cushion. Refer to SE-85, "SEAT CUSHION : Disassembly and Assembly".
2. Remove seat cushion outside finisher inner side (seat cushion inside finisher inner side front only).
3. 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

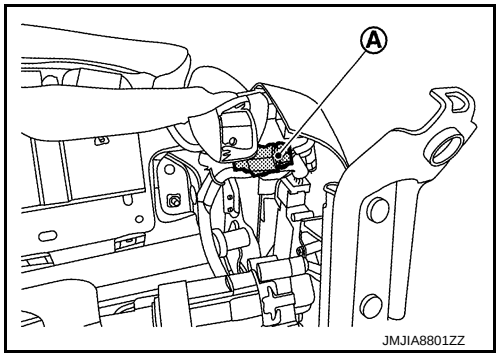
Removal

CAUTION:

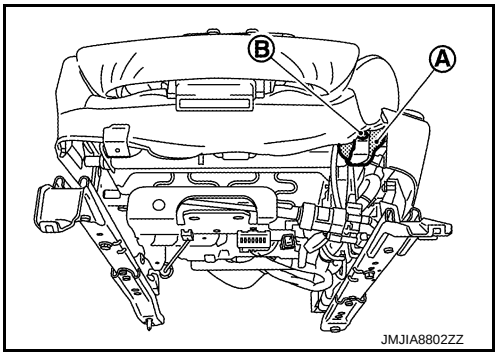
When removing, always use a remover tool that is made of plastic to prevent damage to the parts.

SEAT CUSHION OUTSIDE FINISHER OUTER SIDE

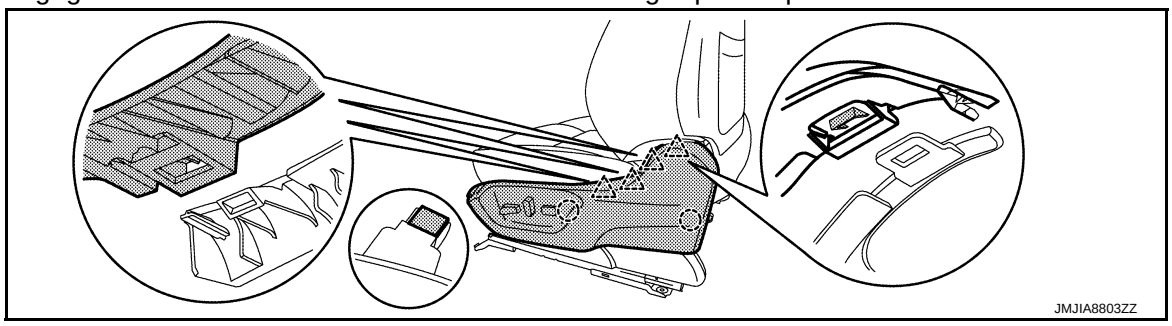
1. Remove seat cushion forward finisher.
2. Disconnect side support harness connector Ⓐ (with side support only).



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



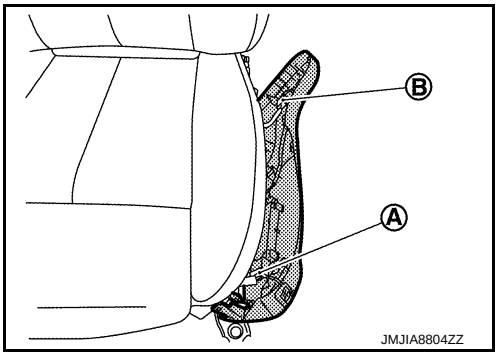
4. Remove seat cushion inside finisher outer side rear.
5. Disengage seat cushion outside finisher outer side fixing clips and pawls.



: Clip

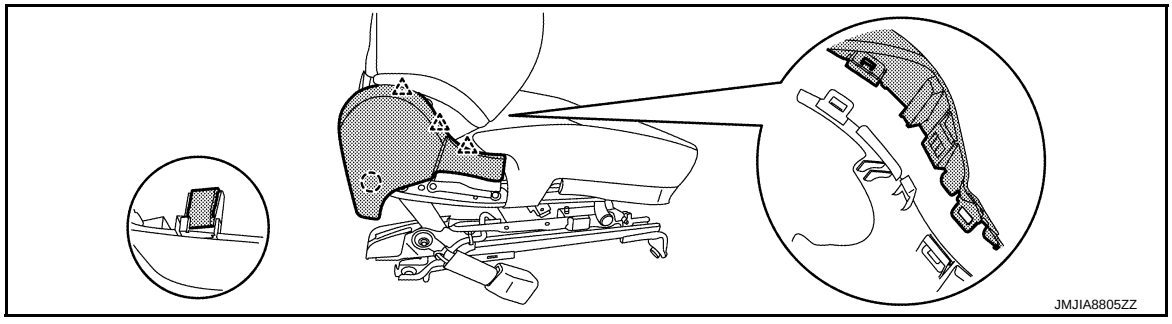
: Pawl

6. Disconnect harness connector Ⓐ, Ⓑ (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.
2. Disengage seat cushion outside finisher inner side fixing clip and pawls, and then remove seat cushion outside finisher inner side.



: Clip

: Pawl

Installation

Install in the reverse order of removal.

LOWER FINISHER

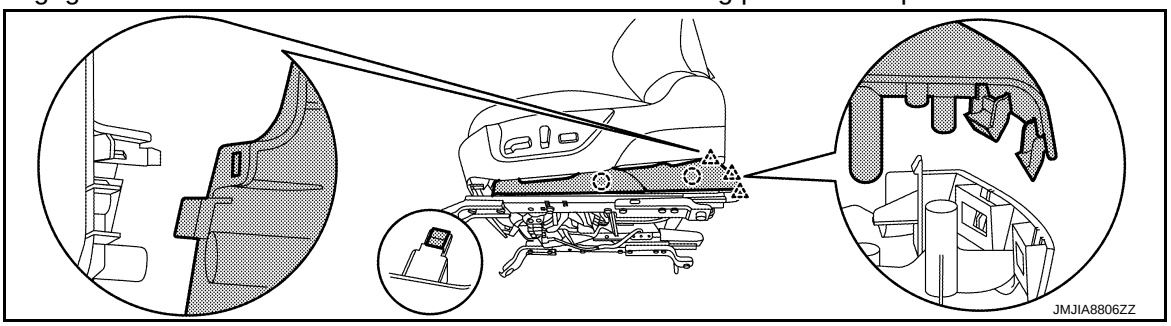
Removal

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

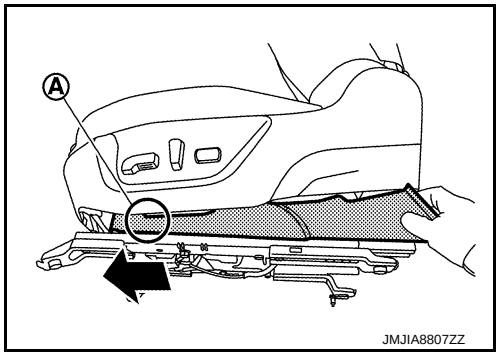
1. Disengage seat cushion outside finisher outer side lower fixing pawls and clips.



: Clip

: Pawl

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

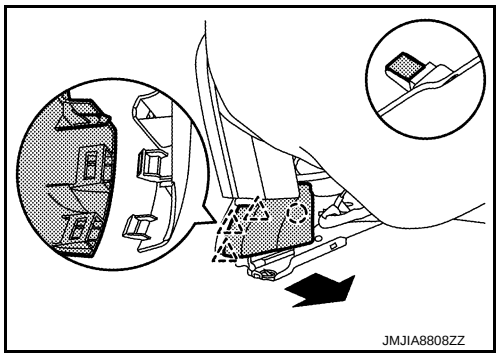


SEAT CUSHION INSIDE FINISHER OUTER SIDE LOWER

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

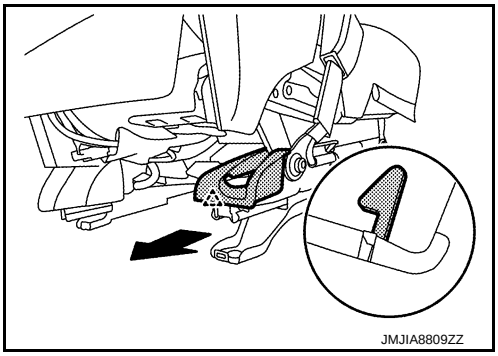
: Clip

: Pawl



SEAT CUSHION LOWSIDE FINISHER INNER SIDE

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



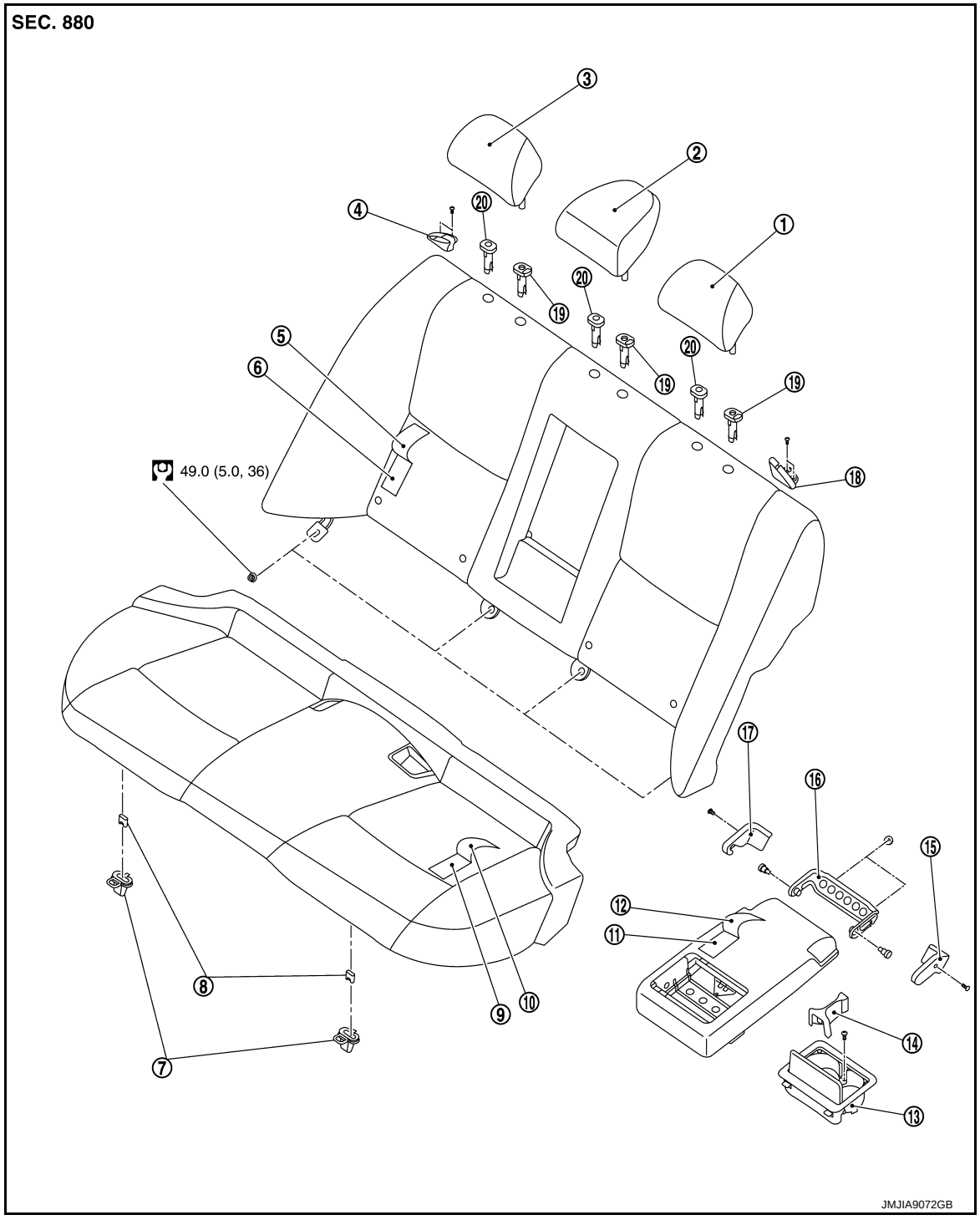
: Pawl

Installation
Install in the reverse order of removal.

REAR SEAT (BENCH SEAT)

Exploded View

INFOID:0000000009695264



① Headrest LH	② Headrest center	③ Headrest RH
④ Seat belt hook RH	⑤ Seatback trim	⑥ Seatback pad
⑦ Seat cushion hook	⑧ Hook cover	⑨ Seat cushion pad
⑩ Seat cushion trim	⑪ Armrest pad	⑫ Armrest trim
⑬ Cup holder	⑭ Cup holder spacer	⑮ Hinge cover LH
⑯ Hinge bracket	⑰ Hinge cover RH	⑱ Seat belt hook LH

⑲ Headrest holder (lock) ⑳ Headrest holder (free)

: N·m (kg-m, ft-lb)

ARMREST

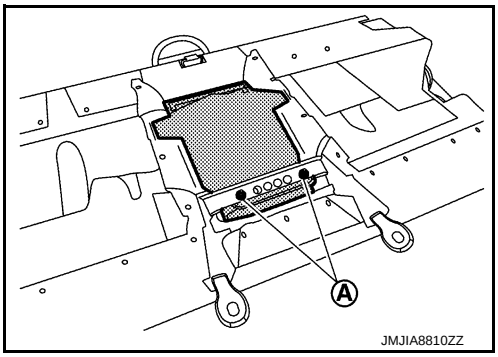
ARMREST : Removal and Installation

INFOID:0000000009695265

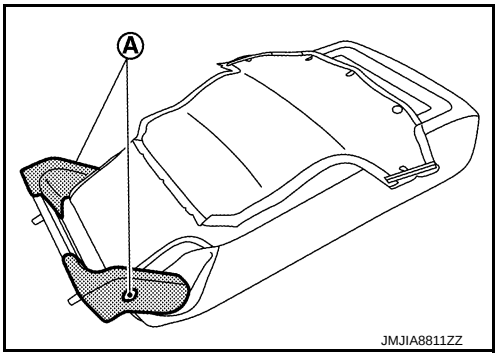
CAUTION:
When removing and installing, use shop cloths to protect parts from damage.

REMOVAL

1. Remove seatback. Refer to SE-96, "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 Ⓐ, and then remove armrest.



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



INSTALLATION

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

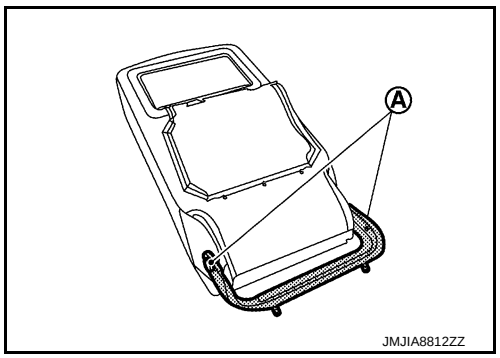
CAUTION:
- **For hog ring that is removed or crimped unsuccessfully, fix it by using a new hog ring. (Never reuse hog ring.)**
- **Always install the hog rings in position.**

ARMREST : Disassembly and Assembly

INFOID:0000000009695266

DISASSEMBLY

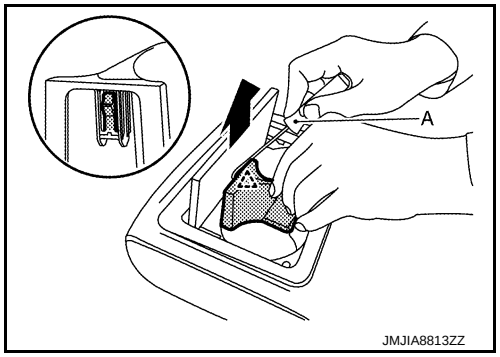
1. Remove hinge bracket fixing bolts Ⓐ, and then remove hinge bracket.



2. Remove cup holder.

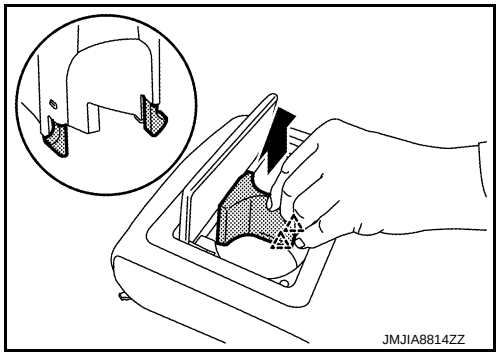
a. Disengage cup holder spacer fixing pawls by pull up while push cup holder spacer fixing pawl using a pic tool (A).

△ : Pawl

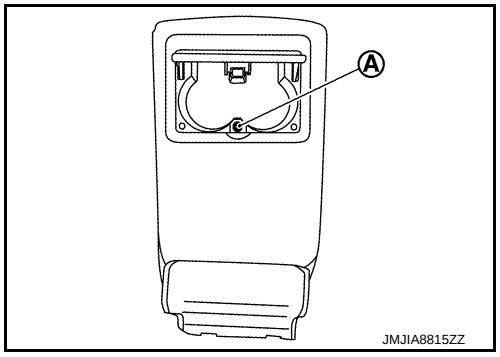


b. Disengage cup holder spacer fixing pawls, and then remove cup holder spacer.

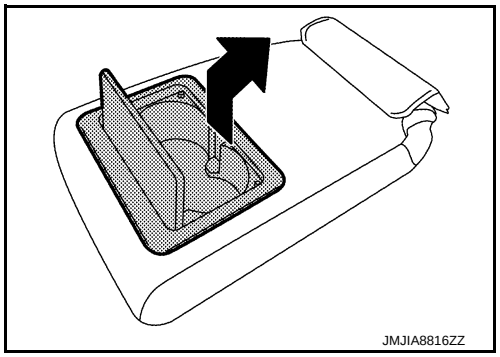
△ : Pawl



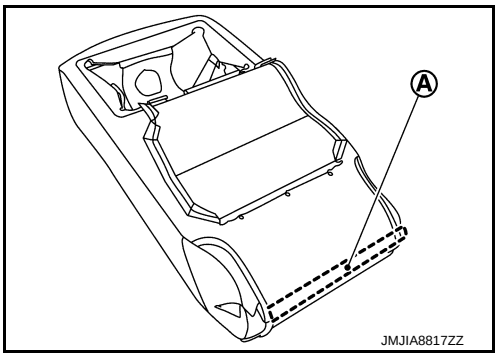
c. Remove cup holder fixing screw Ⓐ.



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



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



ASSEMBLY

Assemble in the reverse order of disassembly.

SEAT CUSHION

SEAT CUSHION : Removal and Installation

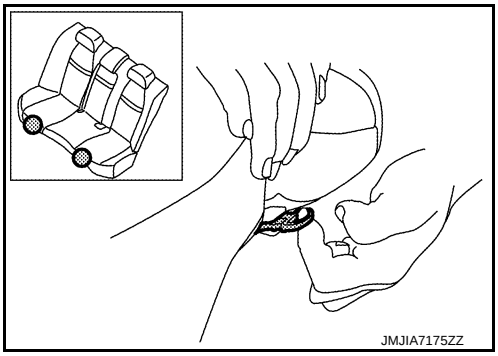
INFOID:0000000009695267

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:0000000009695268

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

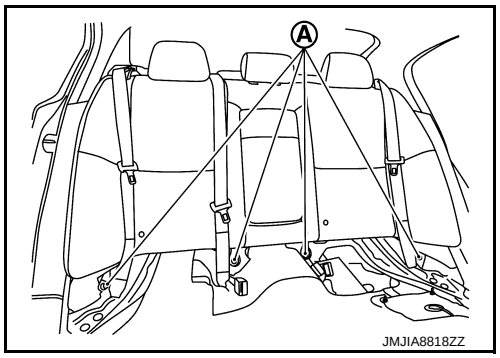
INFOID:0000000009695269

CAUTION:

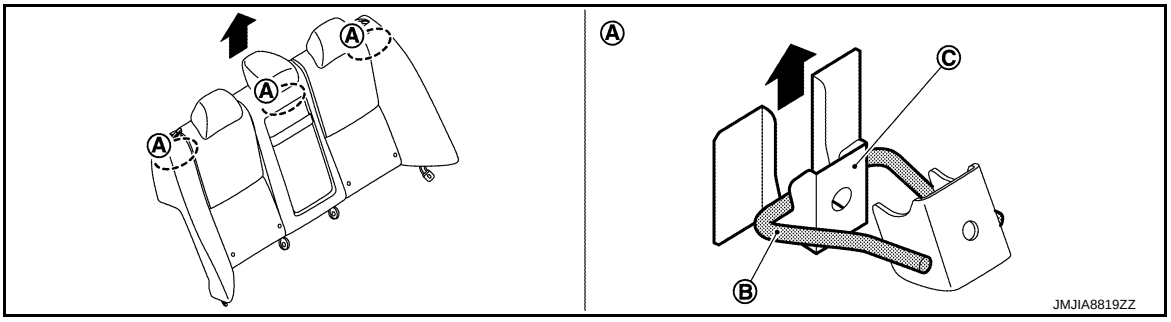
When removing and installing, use shop cloths to protect parts from damage.

REMOVAL

1. Remove seat cushion. Refer to SE-96, "SEAT CUSHION : Removal and Installation".
2. Remove seat belt from seat belt hook.
3. Remove seatback fixing nuts Ⓐ.



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:0000000009695270

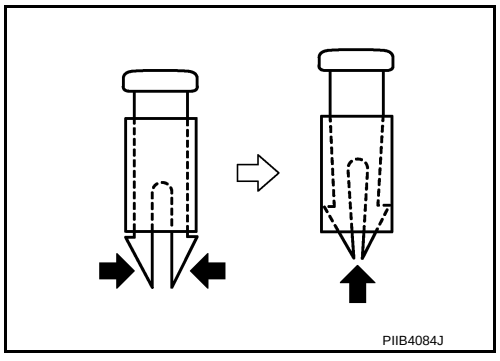
DISASSEMBLY

1. Remove armrest. Refer to SE-94, "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.

   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.

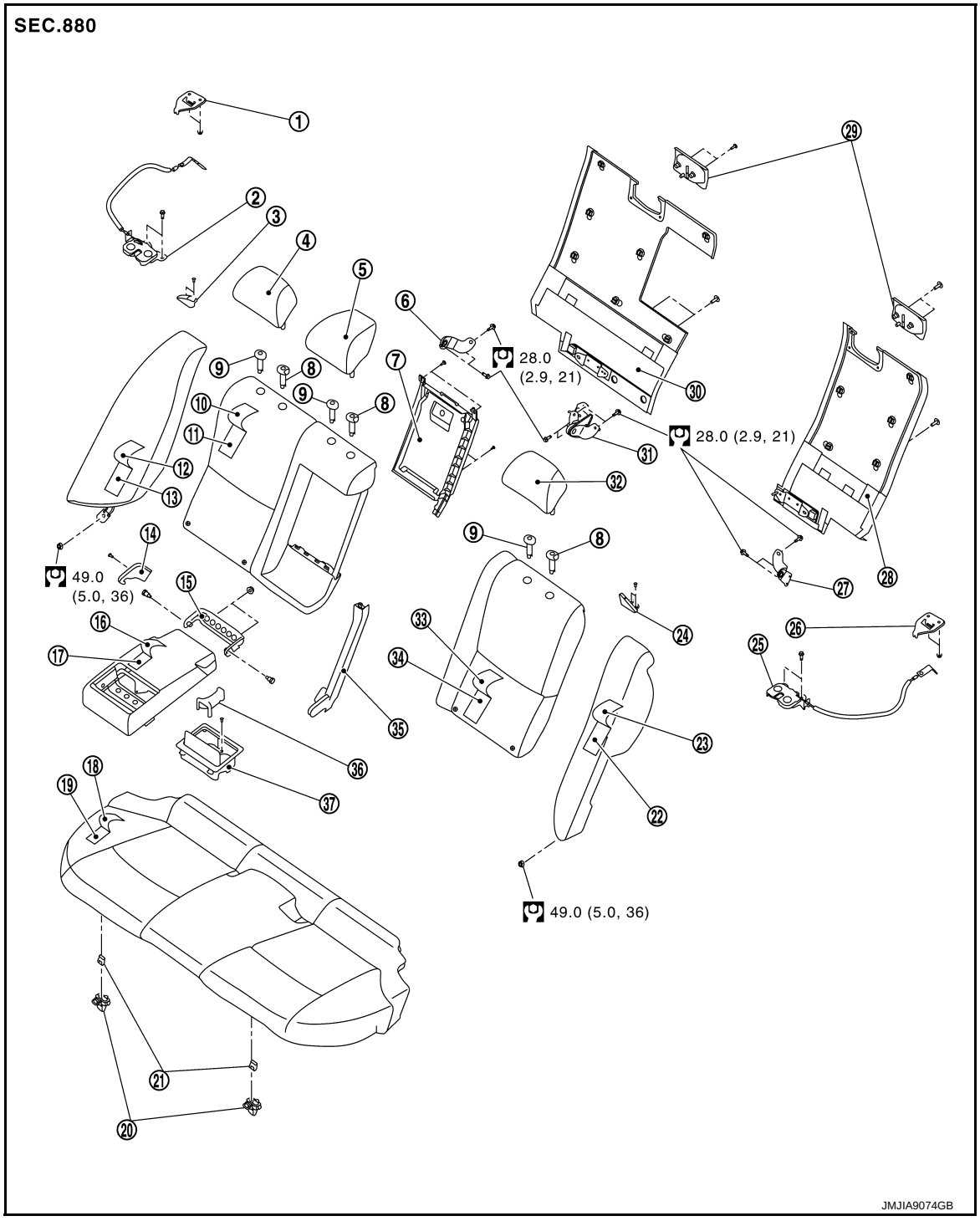
CAUTION:

- **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.**

REAR SEAT (6 : 4 SEPARATE SEAT)

Exploded View

INFOID:0000000009695271



① Cable bracket RH	② Seat lock RH	③ Seat belt hook RH
④ Headrest RH	⑤ Headrest center	⑥ Seatback hinge RH
⑦ Seatback lid	⑧ Headrest holder (lock)	⑨ Headrest holder (free)
⑩ Seatback trim RH	⑪ Seatback pad RH	⑫ Seatback side trim RH
⑬ Seatback side pad RH	⑭ Hinge cover RH	⑮ Hinge bracket
⑯ Armrest trim	⑰ Armrest pad	⑱ Seat cushion trim

⑲ Seat cushion pad
⑳ Seat cushion hook
㉑ Hook cover
㉒ Seatback side pad LH
㉓ Seatback side trim LH
㉔ Seat belt hook LH
㉕ Seat lock LH
㉖ Cable bracket LH
㉗ Seatback hinge LH
㉘ Seatback board LH
㉙ Striker cover
㉚ Seatback board RH
㉛ Seatback hinge center
㉜ Headrest LH
㉝ Seatback trim LH
㉞ Seatback pad LH
㉟ Armrest escutcheon
㊱ Cup holder spacer
㊲ Cup holder

: N·m (kg-m, ft-lb)

ARMREST

ARMREST : Removal and Installation

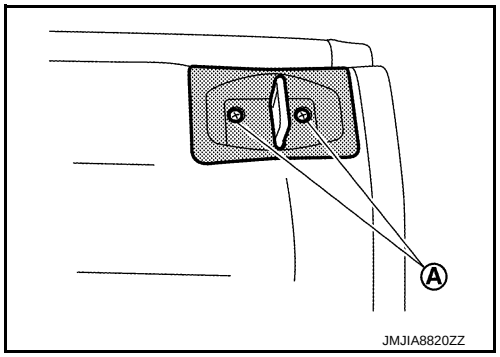
INFOID:0000000009695272

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

REMOVAL

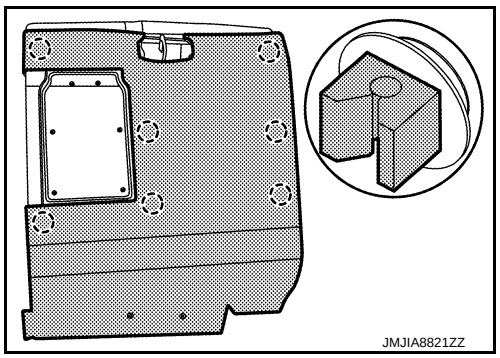
1. Remove seatback board.

a. Remove striker cover fixing screws Ⓐ, and then remove striker cover.



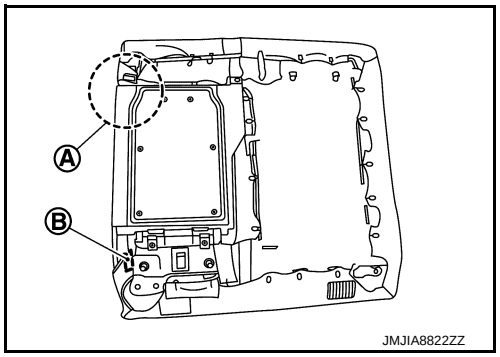
b. Disengage seatback board fixing clips, and then remove seatback board.

: Clip

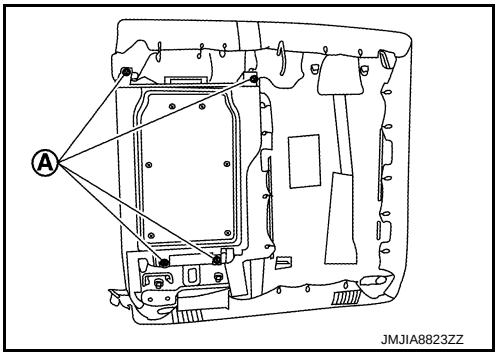


2. Remove seatback lid.

a. Disengage seatback trim Ⓐ and retainer Ⓑ.

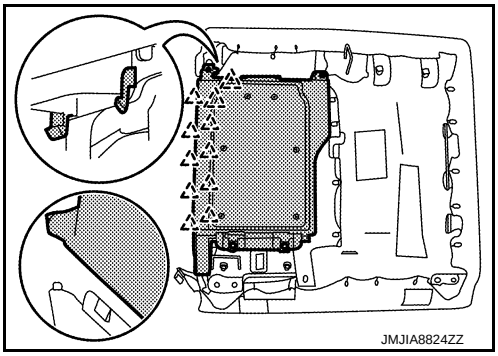


b. Remove seatback lid fixing screws Ⓐ.

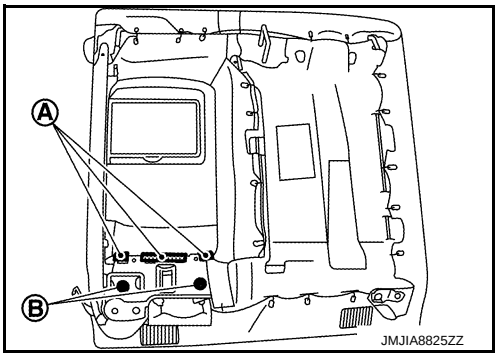


c. Disengage seatback trim fixing pawls, and then remove seatback lid.

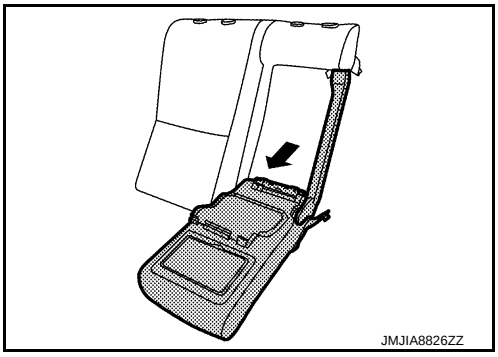
△ : Pawl



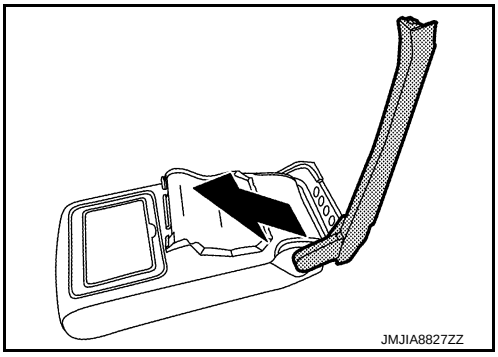
3. Remove armrest trim fixing retainer Ⓐ and armrest fixing nuts Ⓑ.



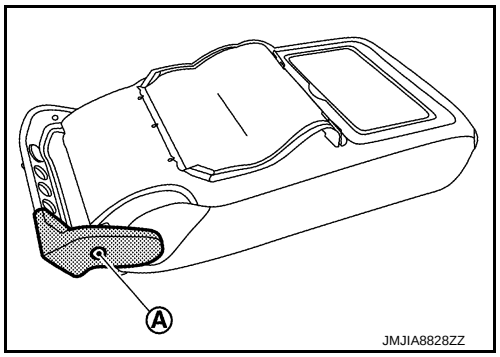
4. Pull armrest, and then remove armrest and armrest escutcheon as a set.



5. Remove armrest escutcheon.



6. Remove hinge cover.
Remove hinge cover fixing clip Ⓐ, and then remove hinge cover.



INSTALLATION

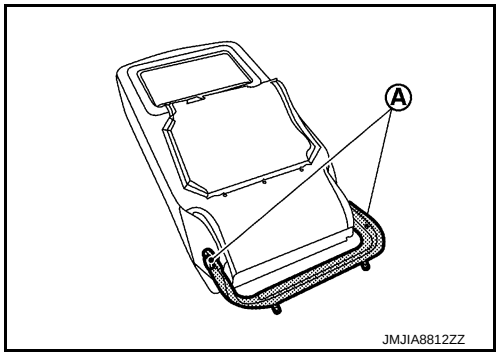
Install in the reverse order of removal.

ARMREST : Disassembly and Assembly

INFOID:0000000009695273

DISASSEMBLY

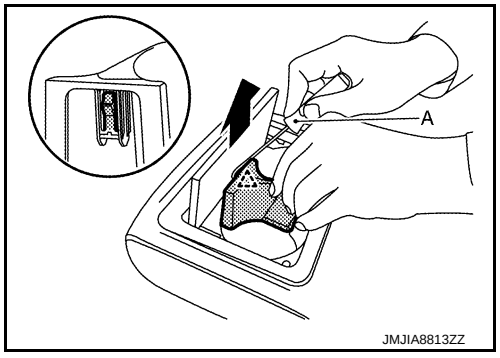
1. Remove hinge bracket fixing bolts Ⓐ, and then remove hinge bracket.



2. Remove cup holder.

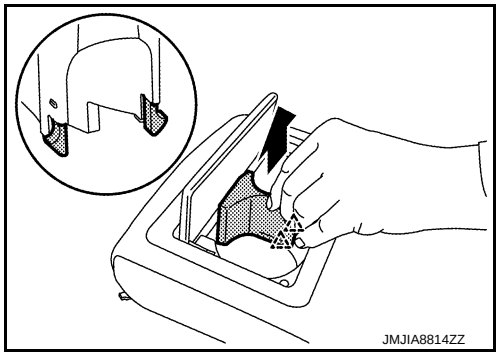
a. Disengage cup holder spacer fixing pawls by pull up while push cup holder spacer fixing pawl using a pic tool (A).

: Pawl

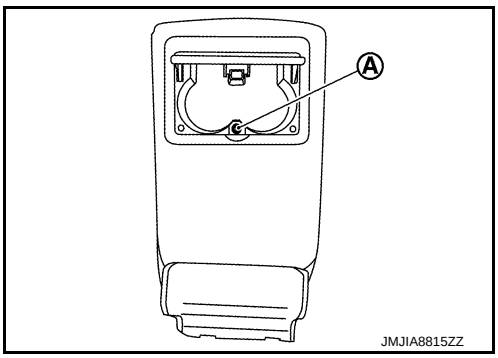


b. Disengage cup holder spacer fixing pawls, and then remove cup holder spacer.

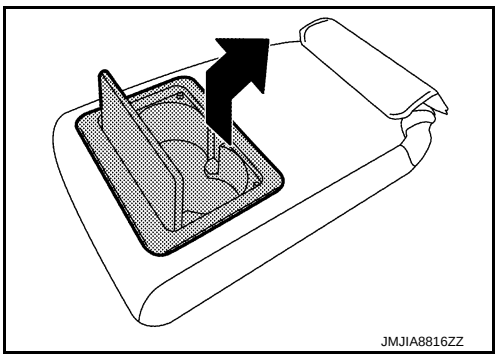
: Pawl



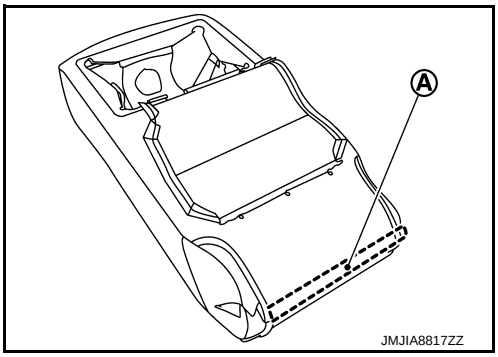
c. Remove cup holder fixing screw Ⓐ.



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



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



ASSEMBLY

Assemble in the reverse order of disassembly.

SEATBACK

SEATBACK : Removal and Installation

INFOID:0000000009695274

CAUTION:

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

REMOVAL

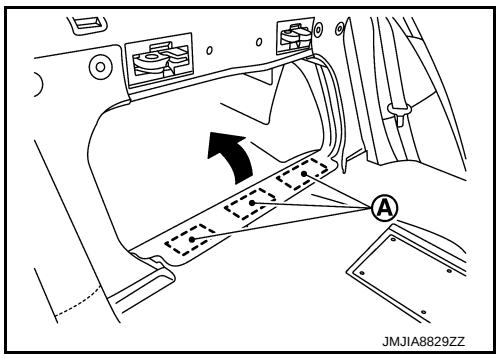
Seatback

CAUTION:

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

1. Pull the strap to fold seatback down.

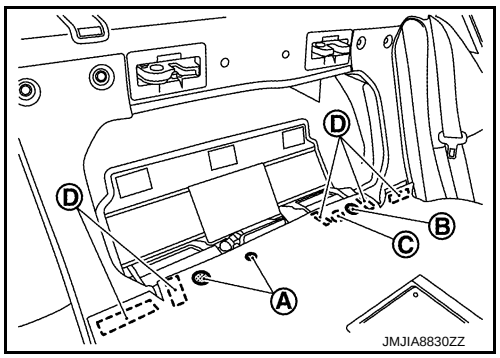
2. Disengage hook-and-loop fastener Ⓐ for trunk floor carpet.



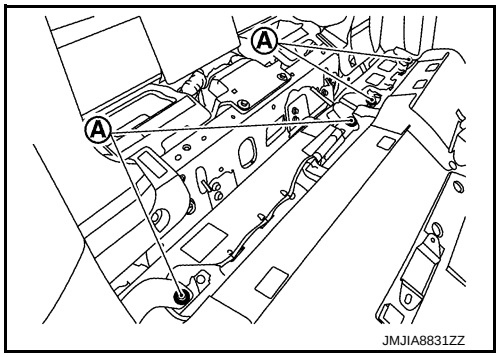
3. Roll up trim for seatback board.

a. Remove clips
   - RH side
     Remove seatback board trim fixing clips Ⓐ, and then disengage hook-and-loop fastener Ⓓ.
   - LH side
     Remove seatback board trim fixing clips Ⓑ, and then disengage hook-and-loop fastener Ⓓ, clip Ⓒ.

b. Further roll up the trim, and disengage hook-and-loop fastener, to expose seatback fixing bolts.

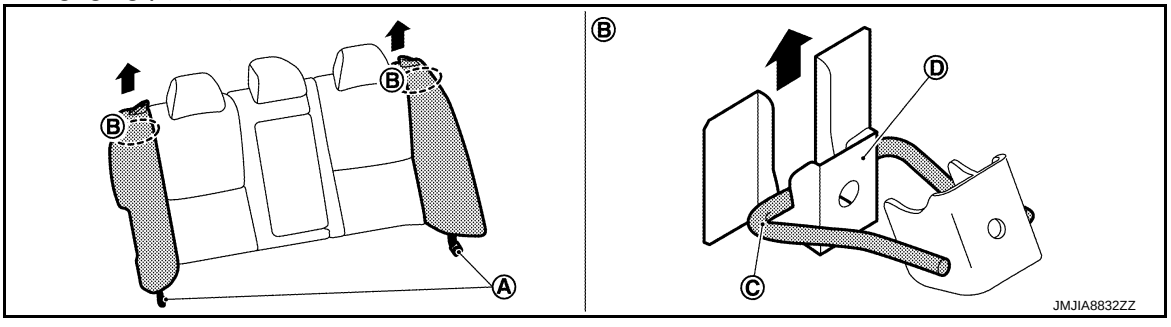


4. Remove seatback fixing bolts Ⓐ, and then remove seatback.



Seatback side

1. Remove seat cushion. Refer to SE-105, "SEAT CUSHION : Removal and Installation".
2. Remove seat belt from seat belt hook.
3. Remove seatback side fixing nut Ⓐ, and then lift up seatback side, disengage seatback side frame Ⓒ from engaging point Ⓓ, 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.

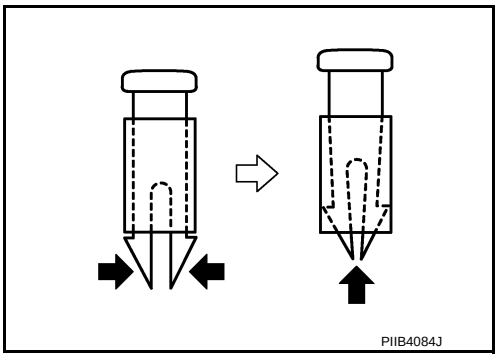
SEATBACK : Disassembly and Assembly

INFOID:0000000009695275

DISASSEMBLY

Seatback RH

1. Remove armrest. Refer to SE-99, "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.

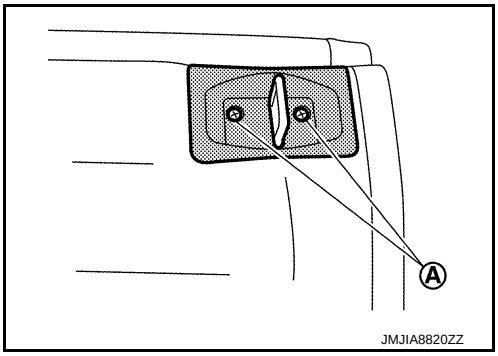


4. Separate seatback trim and seatback pad.

Seatback LH

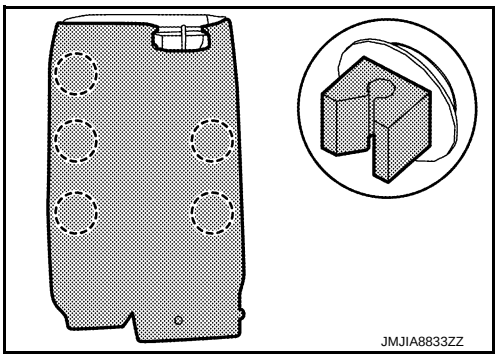
1. Remove seatback board.

a. Remove striker cover fixing screws Ⓐ, and then remove striker cover.



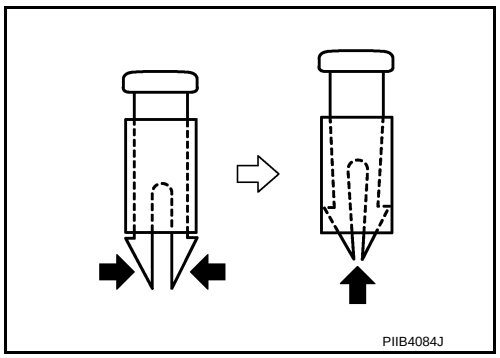
b. Disengage seatback board fixing clips, and then remove seatback board.

: Clip



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

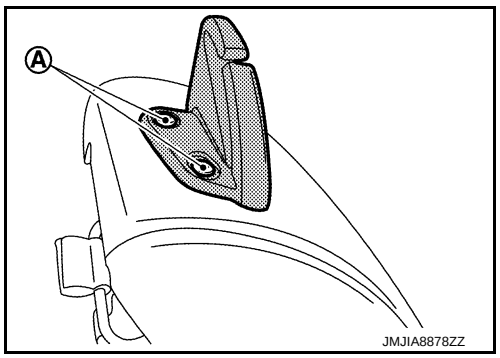
Remove the headrest holder by raising it while pinching the pawls from the bottom of the headrest holder.



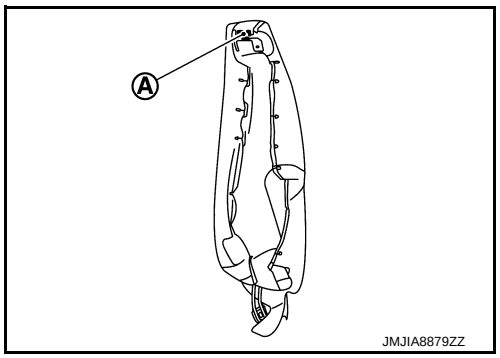
3. Remove hog rings, and then separate seatback trim and seatback pad.
CAUTION:
Before performing separating operation, check the installation position of hog rings.

Seatback side

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



2. Disengage seatback side trim fixing retainer Ⓐ.



3. 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

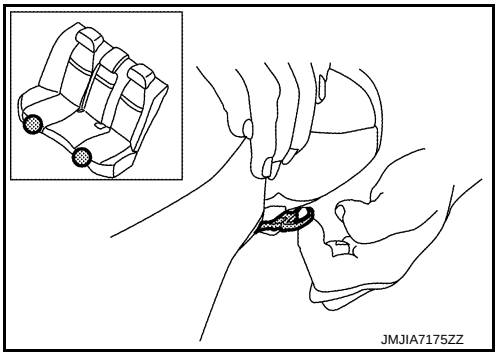
SEAT CUSHION : Removal and Installation

INFOID:0000000009695276

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:0000000009695277

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:0000000009695278

REMOVAL

1. Remove seatback Refer to SE-96, "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.

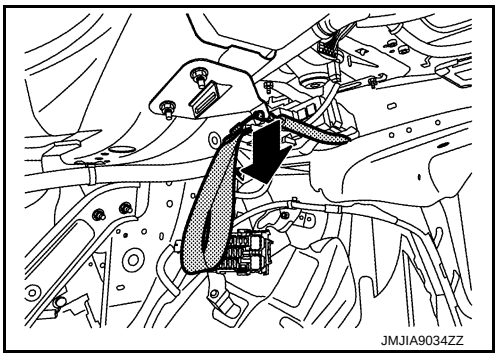
SEAT LOCK

SEAT LOCK : Removal and Installation

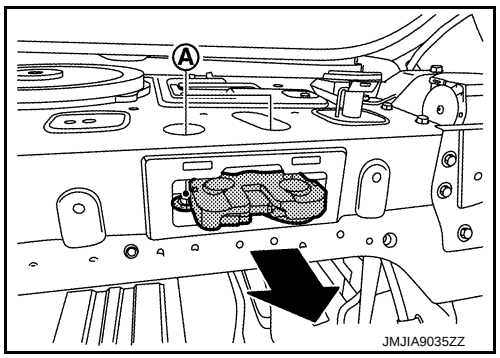
INFOID:0000000009695279

REMOVAL

1. Remove trunk upper finisher. Refer to INT-50, "TRUNK UPPER FINISHER : Removal and Installation".
2. Pull down cable, and then remove cable.



3. Remove rear parcel shelf finisher. Refer to INT-33, "Removal and Installation".
4. Remove center seat belt retractor (RH side only). Refer to SB-14, "SEAT BELT RETRACTOR : Removal and Installation".
5. Remove seat lock fixing bolts Ⓐ, and then remove seat lock.



INSTALLATION

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

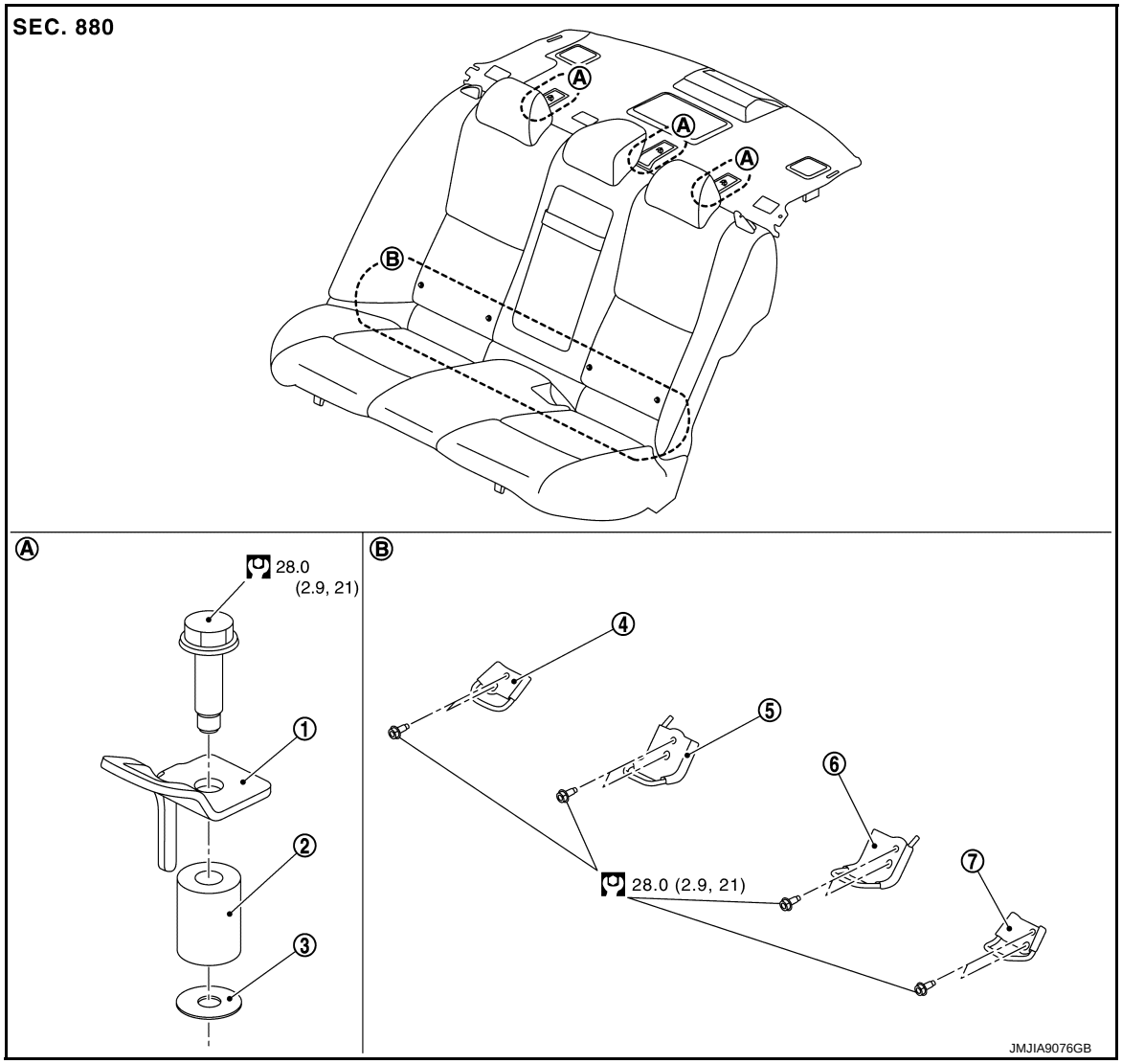
CAUTION:

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

CHILD SEAT ANCHOR

Exploded View

INFOID:0000000009695280



① Tether anchorage plate
② Tether anchorage spacer
③ Lock washer
④ ISO FIX bracket RH outside
⑤ ISO FIX bracket RH inside
⑥ ISO FIX bracket LH inside
⑦ ISO FIX bracket LH outside
: N·m (kg-m, ft-lb)

TETHER ANCHOR PLATE

TETHER ANCHOR PLATE : Removal and Installation

INFOID:0000000009695281

REMOVAL

1. Remove rear parcel shelf finisher. Refer to INT-33, "Removal and Installation".
2. Remove tether anchorage plate fixing bolt, and then remove tether anchorage plate.

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 fixing bolts to specified torque.

ISO FIX BRACKET

ISO FIX BRACKET : Removal and Installation

INFOID:0000000009695282

REMOVAL

1. Remove seat back.
   Bench seat: Refer to SE-96, "SEATBACK : Removal and Installation".
   Separate seat: Refer to SE-102, "SEATBACK : Removal and Installation".
2. Remove seatback hinge LH/RH (separate seat only). Refer to SE-106, "SEATBACK HINGE : Removal and Installation".
3. Remove ISO FIX bracket fixing bolt and then remove ISO FIX bracket.

INSTALLATION

Install in the reverse order of removal.

POWER SEAT SWITCH

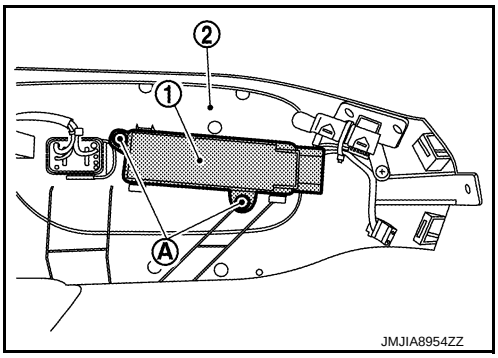
Removal and Installation

INFOID:0000000009641376

REMOVAL

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

1. Remove front seat. Refer to SE-78, "Removal and Installation".
2. Remove seat cushion outside finisher outer side. Refer to SE-87, "SEAT CUSHION FINISHER : Removal and Installation".
3. Disconnect power seat switch connector.
4. Remove power seat switch mounting screws Ⓐ.
5. 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.

LUMBAR SUPPORT SWITCH

Removal and Installation

INFOID:0000000009641377

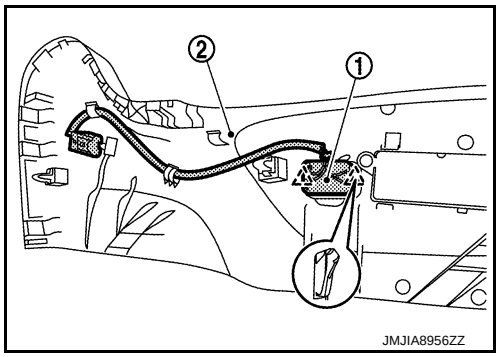
REMOVAL

CAUTION:

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

1. Remove front seat. Refer to SE-78, "Removal and Installation".
2. Remove seat cushion outside finisher outer side. Refer to SE-87, "SEAT CUSHION FINISHER : Removal and Installation".
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.

: Pawl



INSTALLATION

Install in the reverse order of removal.

CAUTION:

Always clamp the harness to the right place.

SIDE SUPPORT SWITCH

Removal and Installation

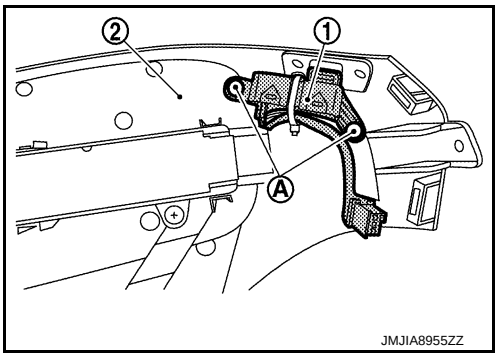
INFOID:0000000009641378

REMOVAL

CAUTION:

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

1. Remove front seat. Refer to SE-78, "Removal and Installation".
2. Remove seat cushion outside finisher outer side. Refer to SE-87, "SEAT CUSHION FINISHER : Removal and Installation".
3. Disconnect the side support switch connector.
4. Remove the side support switch mounting screws Ⓐ.
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.