SECTION SE
SEAT

CONTENTS

BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

WorkFlow

INFOID:0000000004646358

DETAILED FLOW

1.OBTAIN INFORMATION ABOUT SYMPTOM

Interview the customer to obtain the malfunction information (conditions and environment when the malfunction occurred) as much as possible when the customer brings the vehicle in.

>> GO TO 2.

2.REPRODUCE THE MALFUNCTION INFORMATION

Check the malfunction on the vehicle that the customer describes.
Inspect the relation of the symptoms and the condition when the symptoms occur.

>> GO TO 3.

3.IDENTIFY THE MALFUNCTIONING SYSTEM WITH “SYMPTOM DIAGNOSIS”

Use “Symptom diagnosis” from the symptom inspection result in step 2 and then identify where to start performing the diagnosis based on possible causes and symptoms.

>> GO TO 4.

4.IDENTIFY THE MALFUNCTIONING PARTS WITH “COMPONENT DIAGNOSIS”

Perform the diagnosis with “Component diagnosis” of the applicable system.

>> GO TO 5.

5.REPAIR OR REPLACE THE MALFUNCTIONING PARTS

Repair or replace the specified malfunctioning parts.

>> GO TO 6.

6.FINAL CHECK

Check that malfunctions are not reproduced when obtaining the malfunction information from the customer, referring to the symptom inspection result in step 2.

Are the malfunctions corrected?

YES >> INSPECTION END
NO >> GO TO 3.

SYSTEM DESCRIPTION

POWER SEAT FOR DRIVER SIDE

System Description

INFOID:0000000004646359

SLIDING OPERATION

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

RECLINING OPERATION

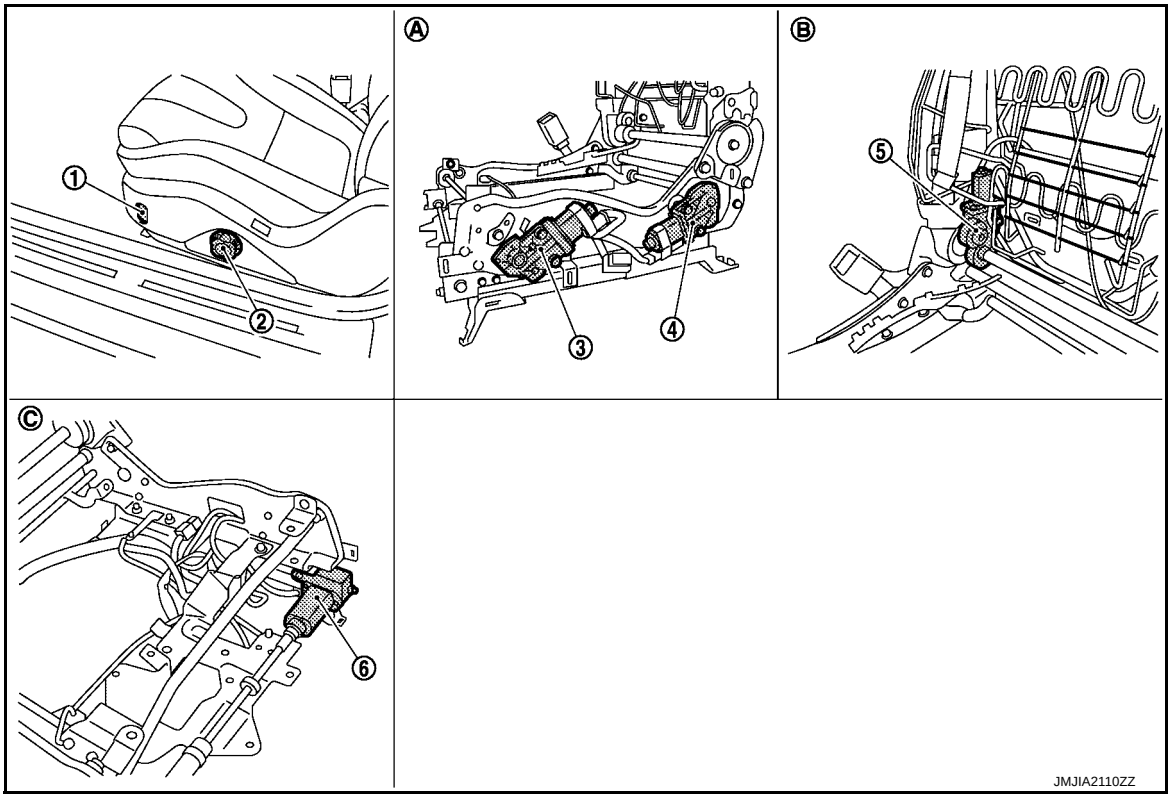
While operating the reclining switch located in power seat switch, reclining motor operates and makes possible the seat back forward and backward position adjustment.

LIFTING OPERATION

- While operating the lifting switch located in power seat switch, lifting motor operates and makes possible the rear portion of seat cushion up and down position adjustment.
- Thigh support motor is activated and the front portion of seat cushion can be adjusted upward or downward, while thigh support switch being operated.

Component Parts Location

INFOID:0000000004646360



1.	Thigh support switch B511	2.	Power seat switch (driver side) B512	3.	Thigh support motor B502
4.	Lifting motor (rear) B509	5.	Reclining motor B514	6.	Sliding motor B510
A.	Behind the seat cushion outer finisher outside	B.	Built in seat back	C.	Built in seat cushion

Component Description

INFOID:0000000004646361

Item	Function
Power seat switch	Built-in reclining switch, sliding switch and lifting switch, controls the power supplied to each motor.
Thigh support switch	Detect the operation of thigh support motor.
Lifting motor	Operates seat lift up and down.

Item	Function
Reclining motor	With the power supplied to power seat switch, operates the forward and backward of seat back.
Sliding motor	With the power supplied to power seat switch, operates the forward and backward slide of seat.
Thigh support motor	Operates the front portion of seat cushion up and down.

POWER SEAT FOR PASSENGER SIDE

System Description

INFOID:0000000004646362

SLIDING OPERATION

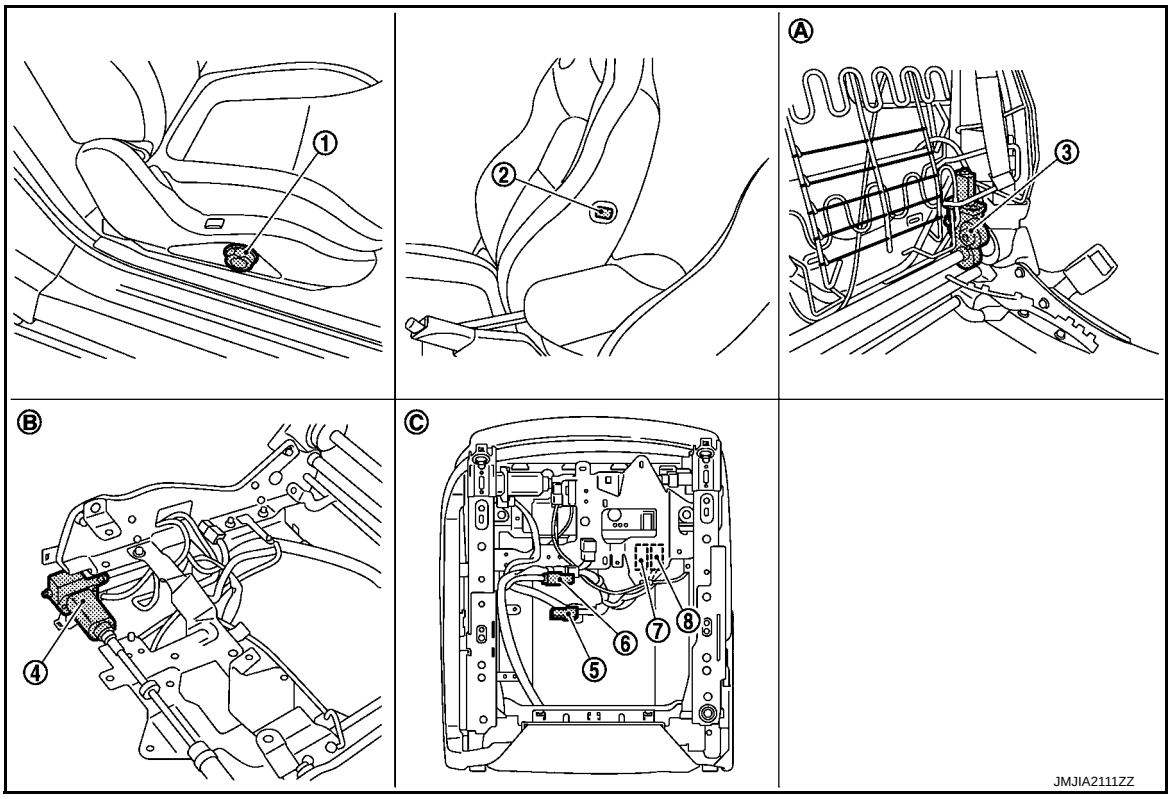
- While operating the sliding switch located in power seat switch, sliding motor operates and makes possible the seat forward and backward position adjustment.
- While operating the sliding switch (seat back) in seat back, sliding motor operates and makes possible the seat forward and backward position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

Component Parts Location

INFOID:0000000004646363



1.	Power seat switch (with sliding switch) B553 Power seat switch (without sliding switch) B568	2.	Sliding switch (seat back) B567	3.	Reclining motor B564
4.	Sliding motor B563	5.	Sliding relay (backward) B559	6.	Sliding relay (forward) B558
7.	Reclining relay (backward) B561	8.	Reclining relay (forward) B560		
A.	Built in seat back	B.	Built in seat cushion	C.	Back side of seat cushion

Component Description

INFOID:0000000004646364

Item	Function
Power seat switch	Built-in reclining switch and sliding switch controls the power supplied to each motor.
Sliding switch	Detect the operation of sliding motor.
Reclining motor	With the power supplied to power seat switch, operates the forward and backward of seat back.
Sliding motor	With the power supplied to power seat switch, operates the forward and backward slide of seat.

HEATED SEAT

System Description

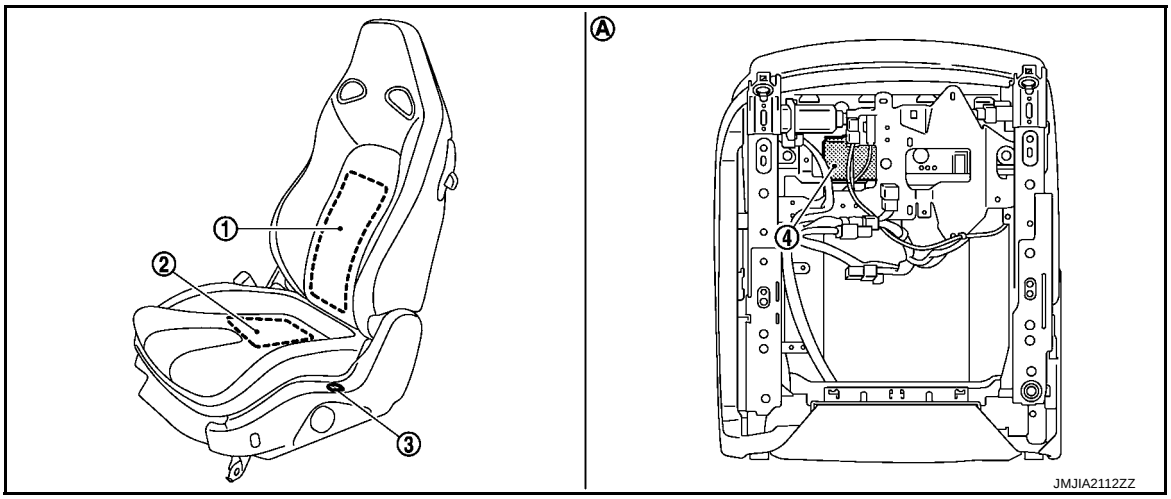
INFOID:0000000004646365

- By turning seat heated switch ON, seat cushion heater and seat back heater are activated.
- By switching seat switch to HI or LO, the number of activated heaters changes and seat warming seed is adjusted.

NOTE:
When ignition switch is turned OFF while passenger heated seat is being operated, passenger heated seat does not turn ON after ignition switch is turned ON.

Component Parts Location

INFOID:0000000004646366



1. Seat back heater
   Driver side: B515
   Passenger side: B565
2. Seat cushion heater
   Driver side: B507 B508
   Passenger side: B555 B556
3. Heated seat switch
   Driver side: B513
   Passenger side: B554
4. Heated seat control unit B552

A. Back side of seat cushion

Component Description

INFOID:0000000004646367

Item	Function
Heated seat control unit	• Activates seat cushion heater and seat back heater via heated seat switch signal. • Controls seat heater (passenger side).
Heated seat switch	• Supplies power supply to each heater. • Changes the number of activated heaters depending on the HI or LO switch position.
Seat cushion heater	Built in seat cushion and is activated by power supply from heated seat switch.
Seat back heater	Built in seat back and is activated by power supply from heated seat switch.

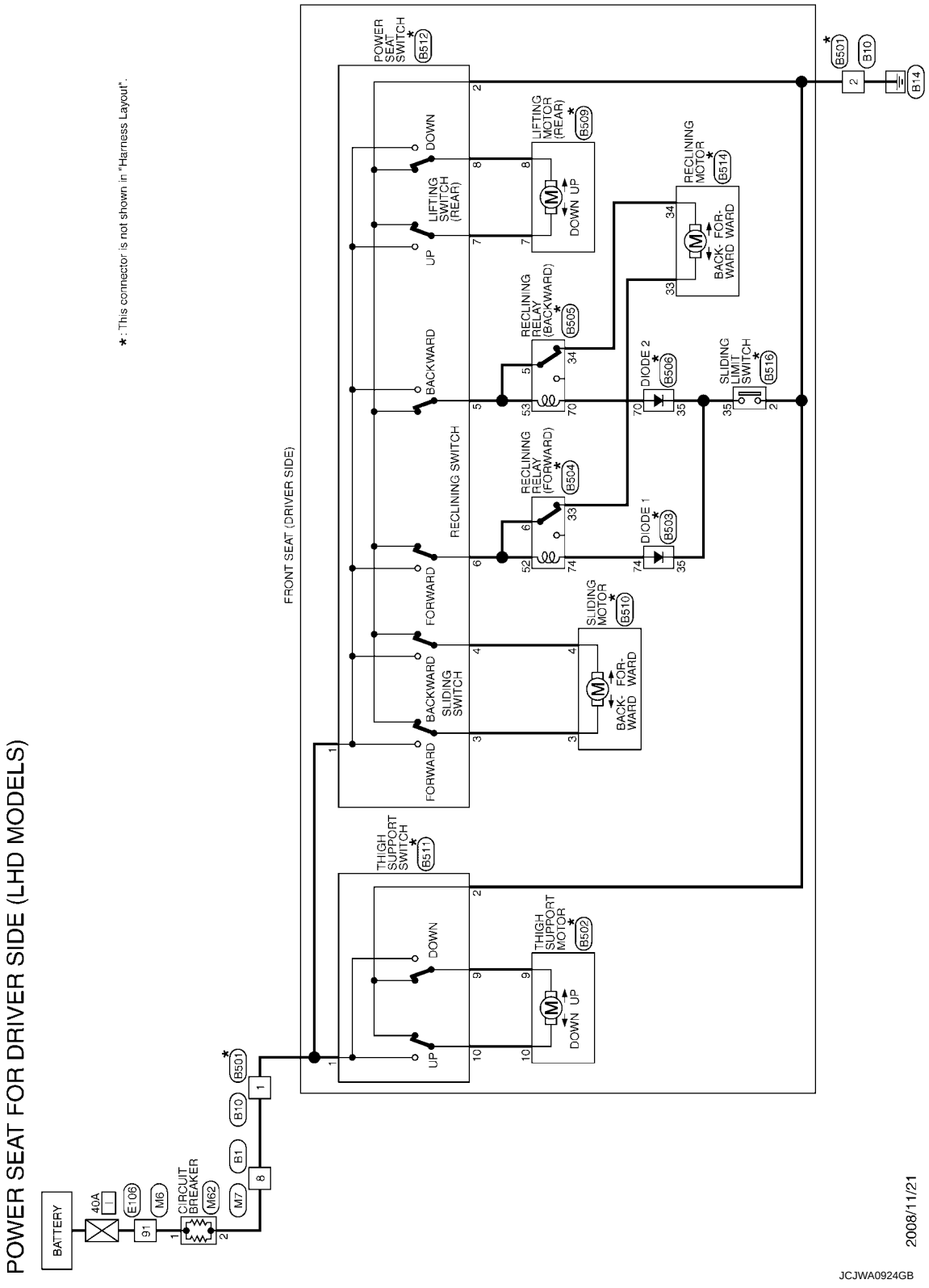
DTC/CIRCUIT DIAGNOSIS

POWER SEAT

FOR EUROPE

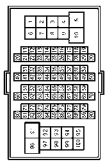
FOR EUROPE : Wiring Diagram - POWER SEAT FOR DRIVER SIDE (LHD MODELS) -

INFOID:0000000004646368



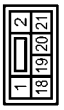
POWER SEAT FOR DRIVER SIDE (LHD MODELS)

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
8	W	–

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–

Connector No.	B502
Connector Name	THIGH SUPPORT MOTOR
Connector Type	6098-0239

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–
10	L	–

Connector No.	B503
Connector Name	DIODE 1
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
74	B/W	–

Connector No.	B504
Connector Name	RECLINING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
6	W	–
33	B	–
52	W	–
74	B/W	–

Connector No.	B505
Connector Name	RECLINING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
5	L	–
34	R/W	–
53	L	–
70	W/B	–

Connector No.	B506
Connector Name	DIODE 2
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
70	W/B	–

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POWER SEAT FOR DRIVER SIDE (LHD MODELS)

Connector No.	B509
Connector Name	LIFTING MOTOR (REAR)
Connector Type	6098-0239

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	–
8	LG	–

Connector No.	B510
Connector Name	SLIDING MOTOR
Connector Type	6098-0239

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
4	G	–

Connector No.	B511
Connector Name	THIGH SUPPORT SWITCH
Connector Type	NS04FW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
9	W	–
10	L	–

Connector No.	B512
Connector Name	POWER SEAT SWITCH
Connector Type	NS08FW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
3	Y	–
4	G	–
5	L	–
6	W	–
7	R	–
8	LG	–

Connector No.	B514
Connector Name	RECLINING MOTOR
Connector Type	NS02FW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
33	B	–
34	R/W	–

Connector No.	B516
Connector Name	SLIDING LIMIT SWITCH
Connector Type	S02FW

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
2	B	–
35	Y	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
91	GR	–

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
91	GR	–

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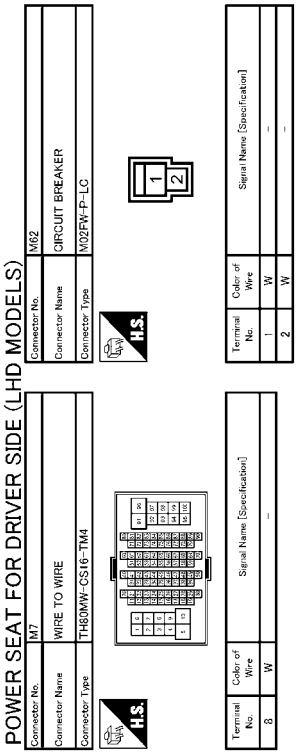

JCJWA0927GB

FOR EUROPE : Wiring Diagram - POWER SEAT FOR DRIVER SIDE (RHD MODELS)

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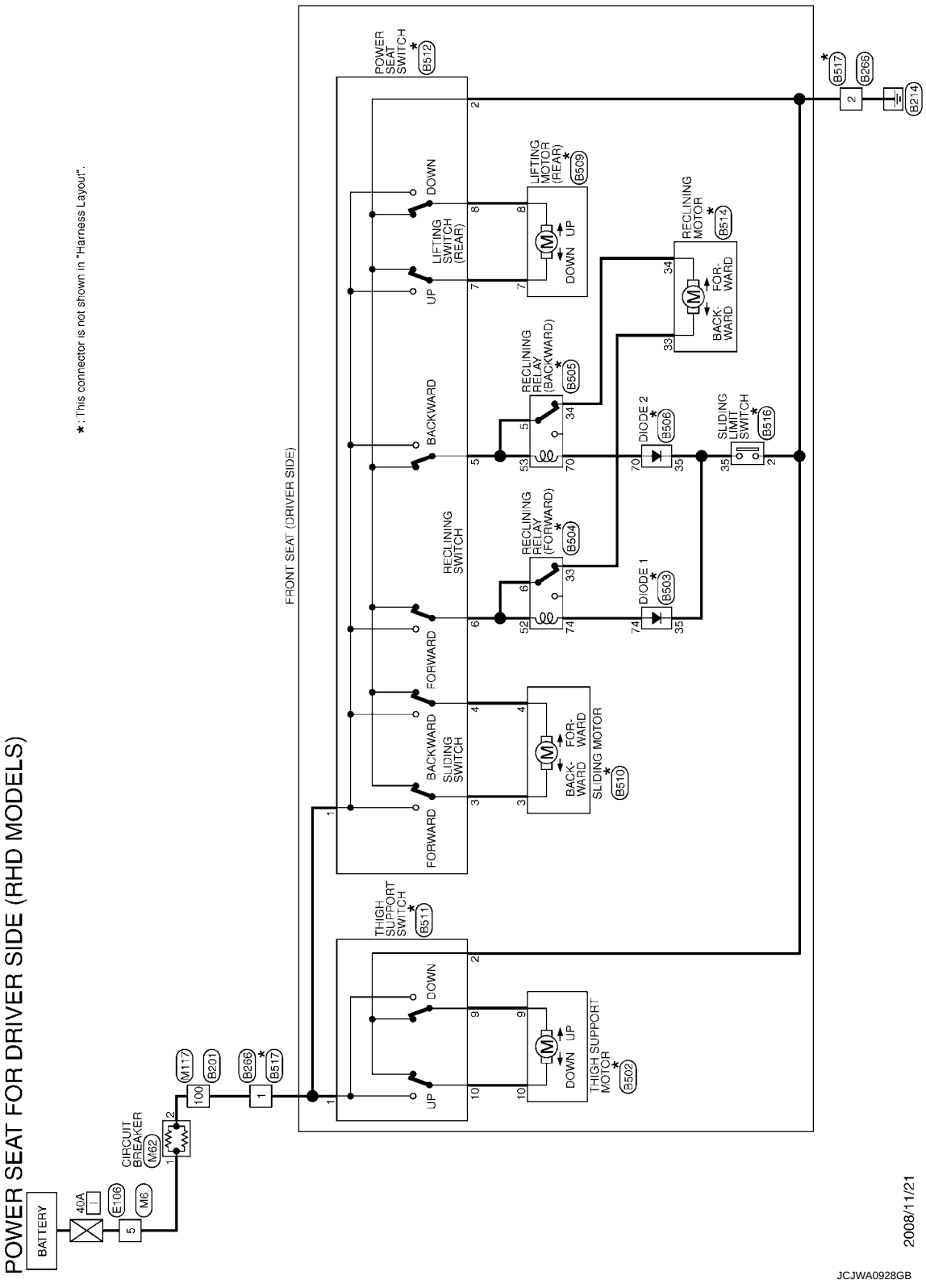
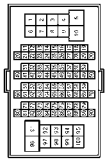
INFOID:0000000004932760



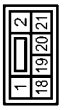
POWER SEAT FOR DRIVER SIDE (RHD MODELS)

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
100	W	–

Connector No.	B266
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	B502
Connector Name	THIGH SUPPORT MOTOR
Connector Type	6098-0239

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–
10	L	–

Connector No.	B503
Connector Name	DIODE 1
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
74	B/W	–

Connector No.	B504
Connector Name	RECLINING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
6	W	–
33	B	–
52	W	–
74	B/W	–

Connector No.	B505
Connector Name	RECLINING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
5	L	–
34	R/W	–
53	L	–
70	W/B	–

Connector No.	B506
Connector Name	DIODE 2
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
70	W/B	–

Connector No.	B509
Connector Name	LIFTING MOTOR (REAR)
Connector Type	6098-0239

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	–
8	LG	–

JCJWA0929GB

POWER SEAT FOR DRIVER SIDE (RHD MODELS)

Connector No.	B510
Connector Name	SLIDING MOTOR
Connector Type	6098-0239

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
4	G	–

Connector No.	B511
Connector Name	THIGH SUPPORT SWITCH
Connector Type	NS04FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
9	W	–
10	L	–

Connector No.	B512
Connector Name	POWER SEAT SWITCH
Connector Type	NS08FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
3	Y	–
4	G	–
5	L	–
6	W	–
7	R	–
8	LG	–

Connector No.	B514
Connector Name	RECLINING MOTOR
Connector Type	NS02FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
33	B	–
34	R/W	–

Connector No.	B516
Connector Name	SLIDING LIMIT SWITCH
Connector Type	S02FW

Terminal No.	Color of Wire	Signal Name [Specification]
2	B	–
35	Y	–

Connector No.	B517
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–

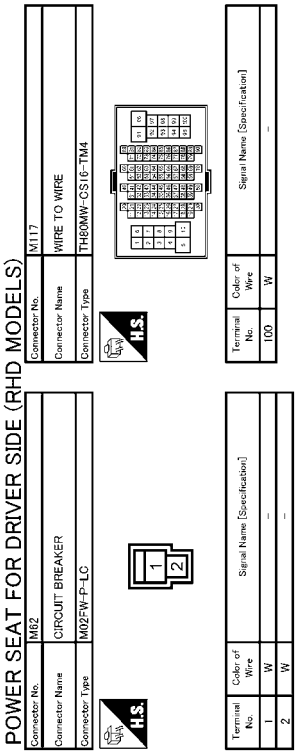
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
5	GR	– [RHD models]

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
5	W	– [RHD models]

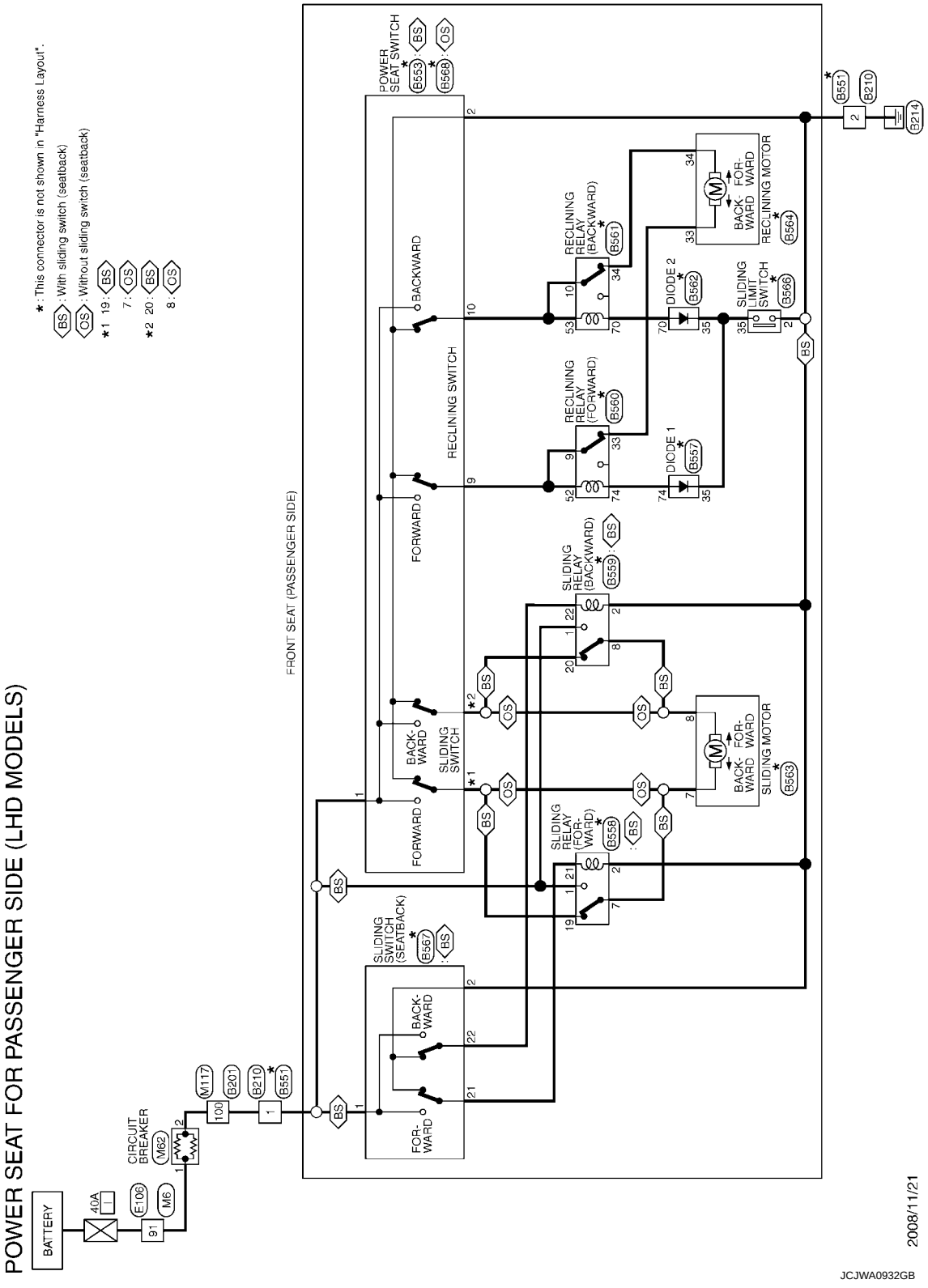
JCJWA0930GB



JCJWA0931GB

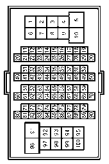
FOR EUROPE : Wiring Diagram - POWER SEAT FOR PASSENGER SIDE (LHD

INFOID:0000000004646369



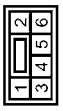
POWER SEAT FOR PASSENGER SIDE (LHD MODELS)

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
100	W	–

Connector No.	B210
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

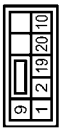


Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–

Connector No.	B553
Connector Name	POWER SEAT SWITCH (WITH SLIDING SWITCH)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
9	W	–
10	L	–
19	W/R	–
20	W/B	–

Connector No.	B557
Connector Name	DIODE 1
Connector Type	24335-C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
74	B/W	–

Connector No.	B558
Connector Name	SLIDING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
7	R	–
19	W/R	–
21	B/Y	–

Connector No.	B559
Connector Name	SLIDING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
8	LG	–
20	W/B	–
22	L/R	–

Connector No.	B560
Connector Name	RECLINING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–
33	B	–
52	W	–
74	B/W	–

JCJWA0933GB

POWER SEAT FOR PASSENGER SIDE (LHD MODELS)

Connector No.	B561
Connector Name	RECLINING RELAY (BACKWARD)
Connector Type	MS03FB-M2

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
10	L	–
34	R/W	–
53	L	–
70	W/B	–

Connector No.	B562
Connector Name	DIODE 2
Connector Type	24335C9900

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
70	W/B	–

Connector No.	B563
Connector Name	SLIDING MOTOR
Connector Type	6098-0239

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	–
8	LG	–

Connector No.	B564
Connector Name	RECLINING MOTOR
Connector Type	NS02FW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
33	B	–
34	R/W	–

Connector No.	B566
Connector Name	SLIDING LIMIT SWITCH
Connector Type	S02FW

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
2	B	–
35	Y	–

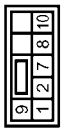
Connector No.	B567
Connector Name	SLIDING SWITCH (SEATBACK)
Connector Type	NS04MW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
21	B/Y	–
22	L/R	–

Connector No.	B568
Connector Name	POWER SEAT SWITCH (WITHOUT SLIDING SWITCH)
Connector Type	NS06FW-CS

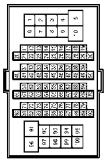
H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
7	R	–
8	LG	–
9	W	–
10	L	–

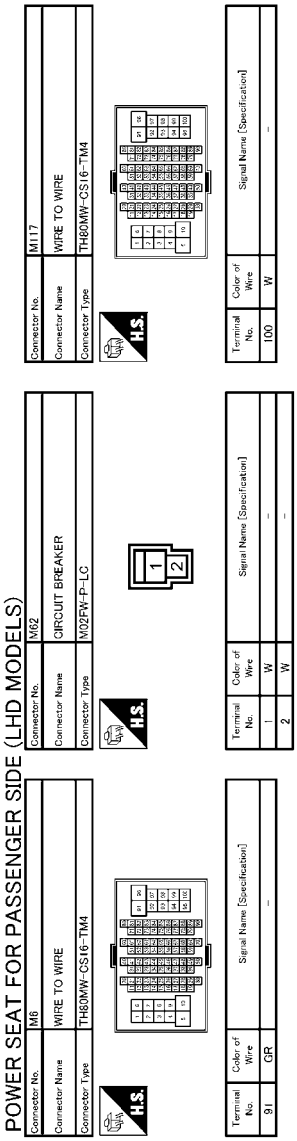
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
91	GR	–

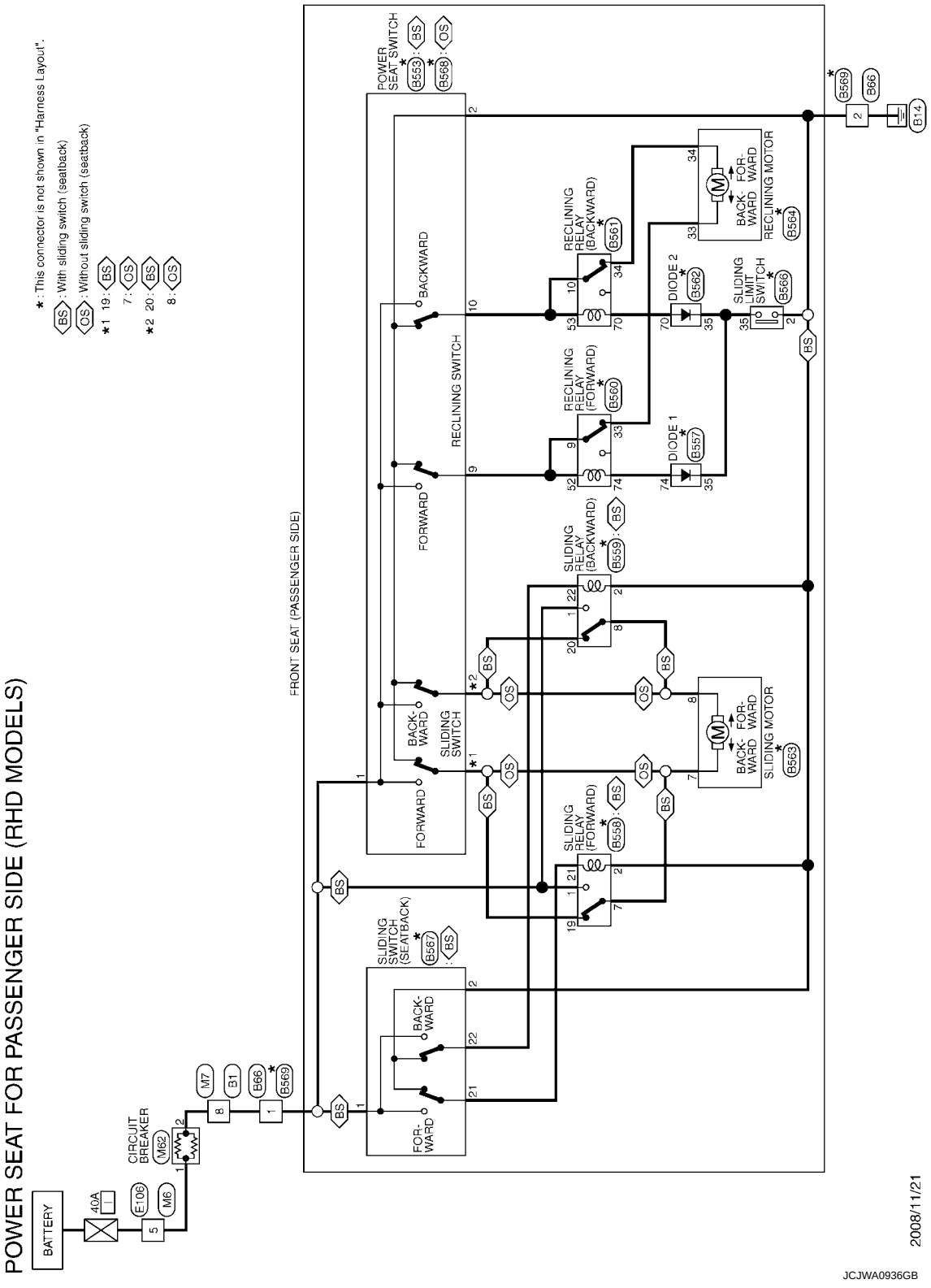
JCJWA0934GB



JCJWA0935GB

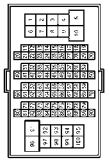
FOR EUROPE : Wiring Diagram - POWER SEAT FOR PASSENGER SIDE (RHD

INFOID:0000000004932761



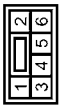
POWER SEAT FOR PASSENGER SIDE (RHD MODELS)

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



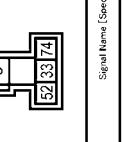
Terminal No.	Color of Wire	Signal Name [Specification]
8	W	–

Connector No.	B68
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	B553
Connector Name	POWER SEAT SWITCH (WITH SLIDING SWITCH)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
9	W	–
10	L	–
19	W/R	–
20	W/B	–

Connector No.	B557
Connector Name	DIODE I
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
74	B/W	–

Connector No.	B558
Connector Name	SLIDING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
7	R	–
19	W/R	–
21	B/Y	–

Connector No.	B559
Connector Name	SLIDING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
8	LG	–
20	W/B	–
22	L/R	–

Connector No.	B560
Connector Name	RECLINING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–
33	B	–
52	W	–
74	B/W	–

Connector No.	B561
Connector Name	RECLINING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
10	L	–
34	R/W	–
53	L	–
70	W/B	–

JCJWA0937GB

POWER SEAT FOR PASSENGER SIDE (RHD MODELS)

Connector No.	B562
Connector Name	DIODE 2
Connector Type	24335C9900

H.S.

35 70

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
70	W/B	–

Connector No.	B563
Connector Name	SLIDING MOTOR
Connector Type	6098-0239

H.S.

7 8

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	–
8	LG	–

Connector No.	B564
Connector Name	RECLINING MOTOR
Connector Type	NS02FW-CS

H.S.

34 33

Terminal No.	Color of Wire	Signal Name [Specification]
33	B	–
34	R/W	–

Connector No.	B566
Connector Name	SLIDING LIMIT SWITCH
Connector Type	S02FW

H.S.

35 2

Terminal No.	Color of Wire	Signal Name [Specification]
2	B	–
35	Y	–

Connector No.	B567
Connector Name	SLIDING SWITCH (SEATBACK)
Connector Type	NS04MW-CS

H.S.

2 22 21 1

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
21	B/Y	–
22	L/R	–

Connector No.	B568
Connector Name	POWER SEAT SWITCH (WITHOUT SLIDING SWITCH)
Connector Type	NS08FW-CS

H.S.

9 1 2 7 8 10

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
7	R	–
8	LG	–
9	W	–
10	L	–

Connector No.	B569
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

H.S.

2 1 6 5 4 3

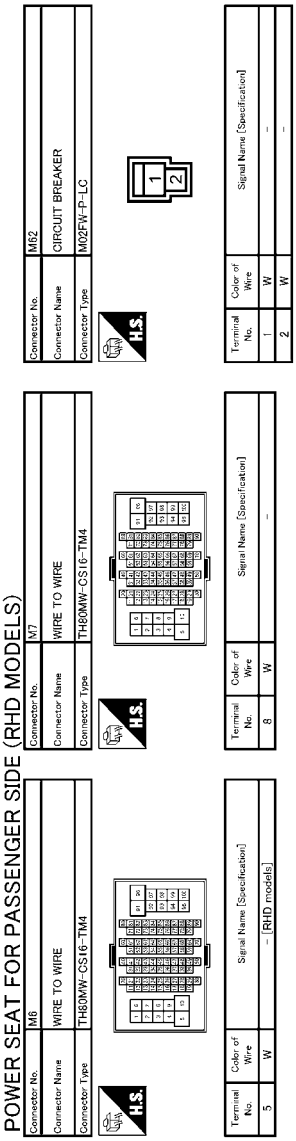
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
5	GR	– [RHD models]

JCJWA0938GB

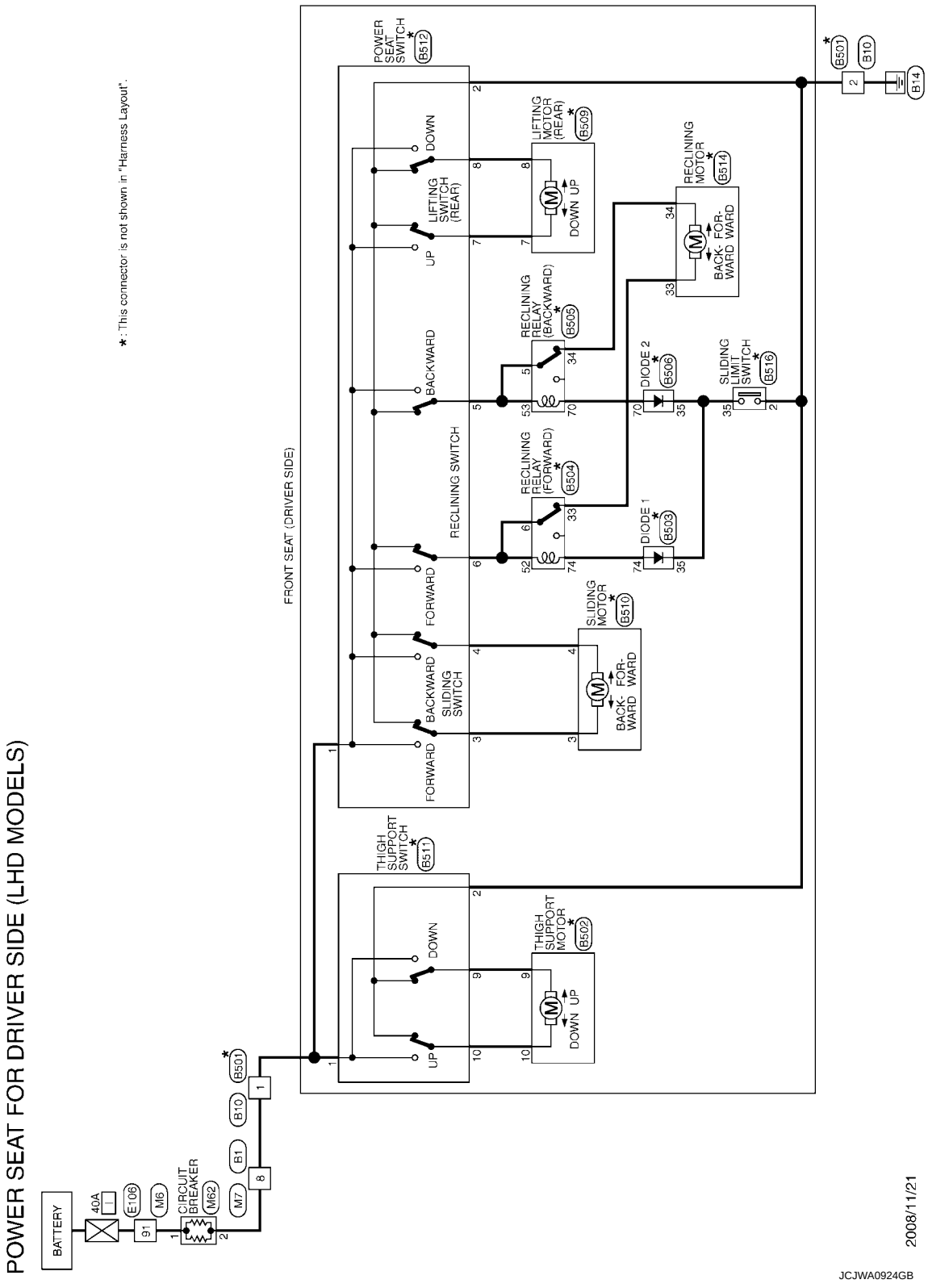


JCJWA0939GB

EXCEPT FOR EUROPE

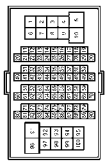
EXCEPT FOR EUROPE : Wiring Diagram - POWER SEAT FOR DRIVER SIDE (LHD

INFOID:0000000004994615



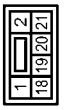
POWER SEAT FOR DRIVER SIDE (LHD MODELS)

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
8	W	–

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–

Connector No.	B502
Connector Name	THIGH SUPPORT MOTOR
Connector Type	6098-0239

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–
10	L	–

Connector No.	B503
Connector Name	DIODE 1
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
74	B/W	–

Connector No.	B504
Connector Name	RECLINING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
6	W	–
33	B	–
52	W	–
74	B/W	–

Connector No.	B505
Connector Name	RECLINING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
5	L	–
34	R/W	–
53	L	–
70	W/B	–

Connector No.	B506
Connector Name	DIODE 2
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
70	W/B	–

JCJWA0948GB

POWER SEAT FOR DRIVER SIDE (LHD MODELS)

Connector No.	B509
Connector Name	LIFTING MOTOR (REAR)
Connector Type	6098-0239

H.S.

7 8

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	–
8	LG	–

Connector No.	B510
Connector Name	SLIDING MOTOR
Connector Type	6098-0239

H.S.

3 4

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
4	G	–

Connector No.	B511
Connector Name	THIGH SUPPORT SWITCH
Connector Type	NS04FW-CS

H.S.

10 9 2 1

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
9	W	–
10	L	–

Connector No.	B512
Connector Name	POWER SEAT SWITCH
Connector Type	NS08FW-CS

H.S.

6 8 7
1 2 3 4 5

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
3	Y	–
4	G	–
5	L	–
6	W	–
7	R	–
8	LG	–

Connector No.	B514
Connector Name	RECLINING MOTOR
Connector Type	NS02FW-CS

H.S.

34 33

Terminal No.	Color of Wire	Signal Name [Specification]
33	B	–
34	R/W	–

Connector No.	B516
Connector Name	SLIDING LIMIT SWITCH
Connector Type	S02FW

H.S.

35 2

Terminal No.	Color of Wire	Signal Name [Specification]
2	B	–
35	Y	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.

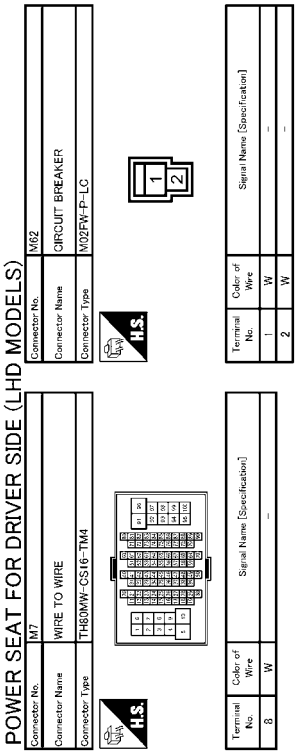
Terminal No.	Color of Wire	Signal Name [Specification]
91	GR	–

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
91	GR	–

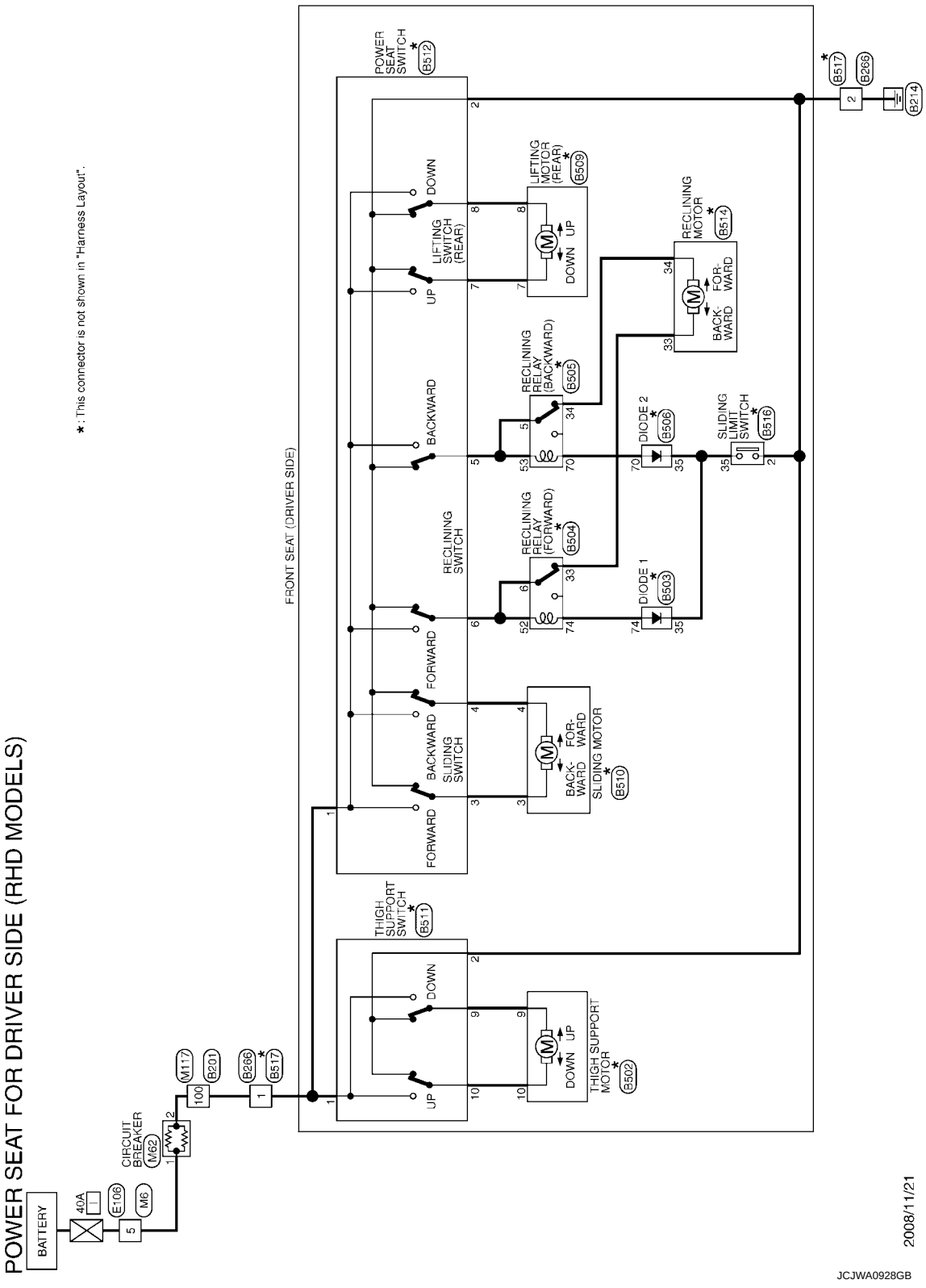
JCJWA0949GB



JCJWA0950GB

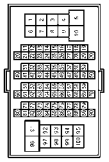
EXCEPT FOR EUROPE : Wiring Diagram - POWER SEAT FOR DRIVER SIDE (RHD

INFOID:0000000004994616



POWER SEAT FOR DRIVER SIDE (RHD MODELS)

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
100	W	–

Connector No.	B286
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	B502
Connector Name	THIGH SUPPORT MOTOR
Connector Type	6098-0239

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–
10	L	–

Connector No.	B503
Connector Name	DIODE 1
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
74	B/W	–

Connector No.	B504
Connector Name	RECLINING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
6	W	–
33	B	–
52	W	–
74	B/W	–

Connector No.	B505
Connector Name	RECLINING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
5	L	–
34	R/W	–
53	L	–
70	W/B	–

Connector No.	B506
Connector Name	DIODE 2
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
70	W/B	–

Connector No.	B509
Connector Name	LIFTING MOTOR (REAR)
Connector Type	6098-0239

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	–
8	LG	–

JCJWA0951GB

POWER SEAT FOR DRIVER SIDE (RHD MODELS)

Connector No.	B510
Connector Name	SLIDING MOTOR
Connector Type	6098-0239

H.S.

3 4

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
4	G	–

Connector No.	B511
Connector Name	THIGH SUPPORT SWITCH
Connector Type	NS04FW-CS

H.S.

10 9 2 1

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
9	W	–
10	L	–

Connector No.	B512
Connector Name	POWER SEAT SWITCH
Connector Type	NS08FW-CS

H.S.

6 8 7
1 2 3 4 5

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
3	Y	–
4	G	–
5	L	–
6	W	–
7	R	–
8	LG	–

Connector No.	B514
Connector Name	RECLINING MOTOR
Connector Type	NS02FW-CS

H.S.

34 33

Terminal No.	Color of Wire	Signal Name [Specification]
33	B	–
34	R/W	–

Connector No.	B516
Connector Name	SLIDING LIMIT SWITCH
Connector Type	S02FW

H.S.

35 2

Terminal No.	Color of Wire	Signal Name [Specification]
2	B	–
35	Y	–

Connector No.	B517
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

H.S.

2 1
21 20 19 18

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.

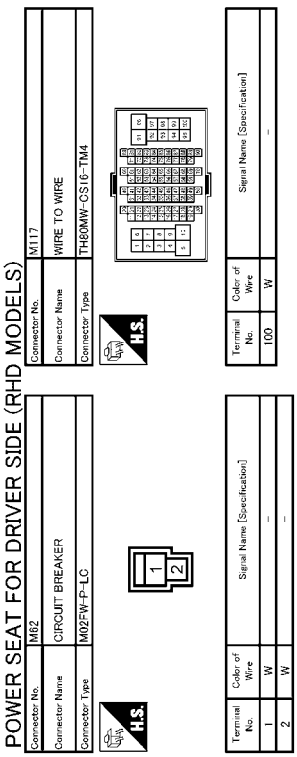
Terminal No.	Color of Wire	Signal Name [Specification]
5	GR	– [RHD models]

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
5	W	– [RHD models]

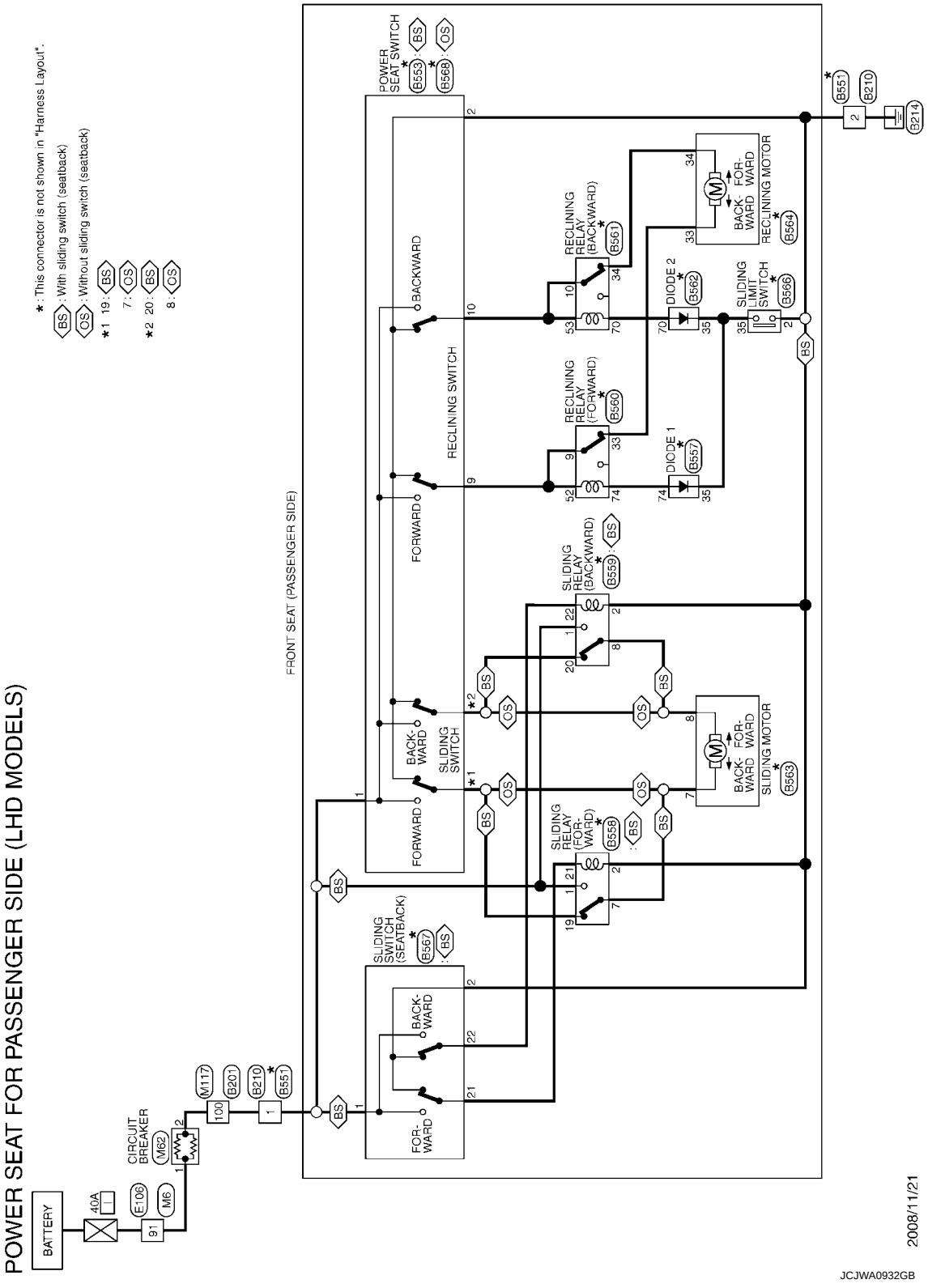
JCJWA0952GB



JCJWA0953GB

EXCEPT FOR EUROPE : Wiring Diagram - POWER SEAT FOR PASSENGER SIDE

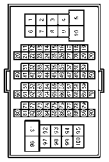
INFOID:0000000004994617



*: This connector is not shown in "Harness Layout".
BS : With sliding switch (seatback)
OS : Without sliding switch (seatback)
*1 19 : BS
7 : OS
*2 20 : BS
8 : OS

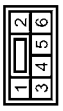
POWER SEAT FOR PASSENGER SIDE (LHD MODELS)

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
100	W	–

Connector No.	B210
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

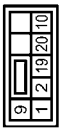


Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–

Connector No.	B553
Connector Name	POWER SEAT SWITCH (WITH SLIDING SWITCH)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
9	W	–
10	L	–
19	W/R	–
20	W/B	–

Connector No.	B557
Connector Name	DIODE 1
Connector Type	24335-C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
74	B/W	–

Connector No.	B558
Connector Name	SLIDING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
7	R	–
19	W/R	–
21	B/Y	–

Connector No.	B559
Connector Name	SLIDING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
8	LG	–
20	W/B	–
22	L/R	–

Connector No.	B560
Connector Name	RECLINING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–
33	B	–
52	W	–
74	B/W	–

JCJWA0954GB

POWER SEAT FOR PASSENGER SIDE (LHD MODELS)

Connector No.	B561
Connector Name	RECLINING RELAY (BACKWARD)
Connector Type	MS03FB-M2

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
10	L	–
34	R/W	–
53	L	–
70	W/B	–

Connector No.	B562
Connector Name	DIODE 2
Connector Type	24335C9900

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
70	W/B	–

Connector No.	B566
Connector Name	SLIDING LIMIT SWITCH
Connector Type	S02FW

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
2	B	–
35	Y	–

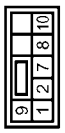
Connector No.	B567
Connector Name	SLIDING SWITCH (SEATBACK)
Connector Type	NS04MW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
21	B/Y	–
22	L/R	–

Connector No.	B568
Connector Name	POWER SEAT SWITCH (WITHOUT SLIDING SWITCH)
Connector Type	NS08FW-CS

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
7	R	–
8	LG	–
9	W	–
10	L	–

Connector No.	B563
Connector Name	SLIDING MOTOR
Connector Type	6098-0239

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	–
8	LG	–

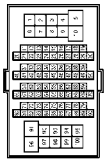
Connector No.	B564
Connector Name	RECLINING MOTOR
Connector Type	NS02FW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
33	B	–
34	R/W	–

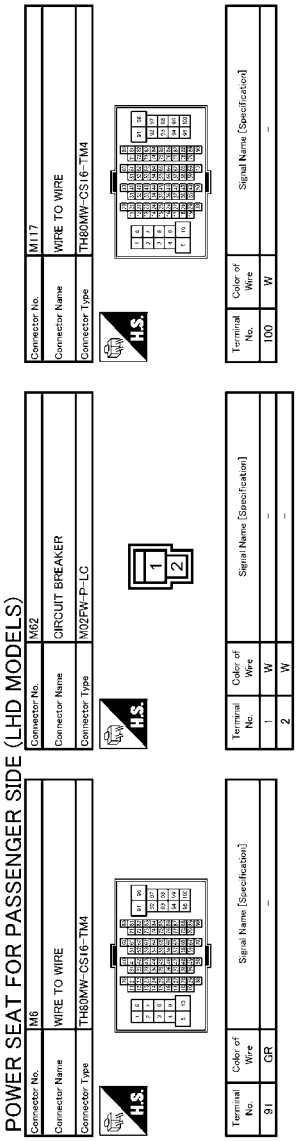
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
91	GR	–

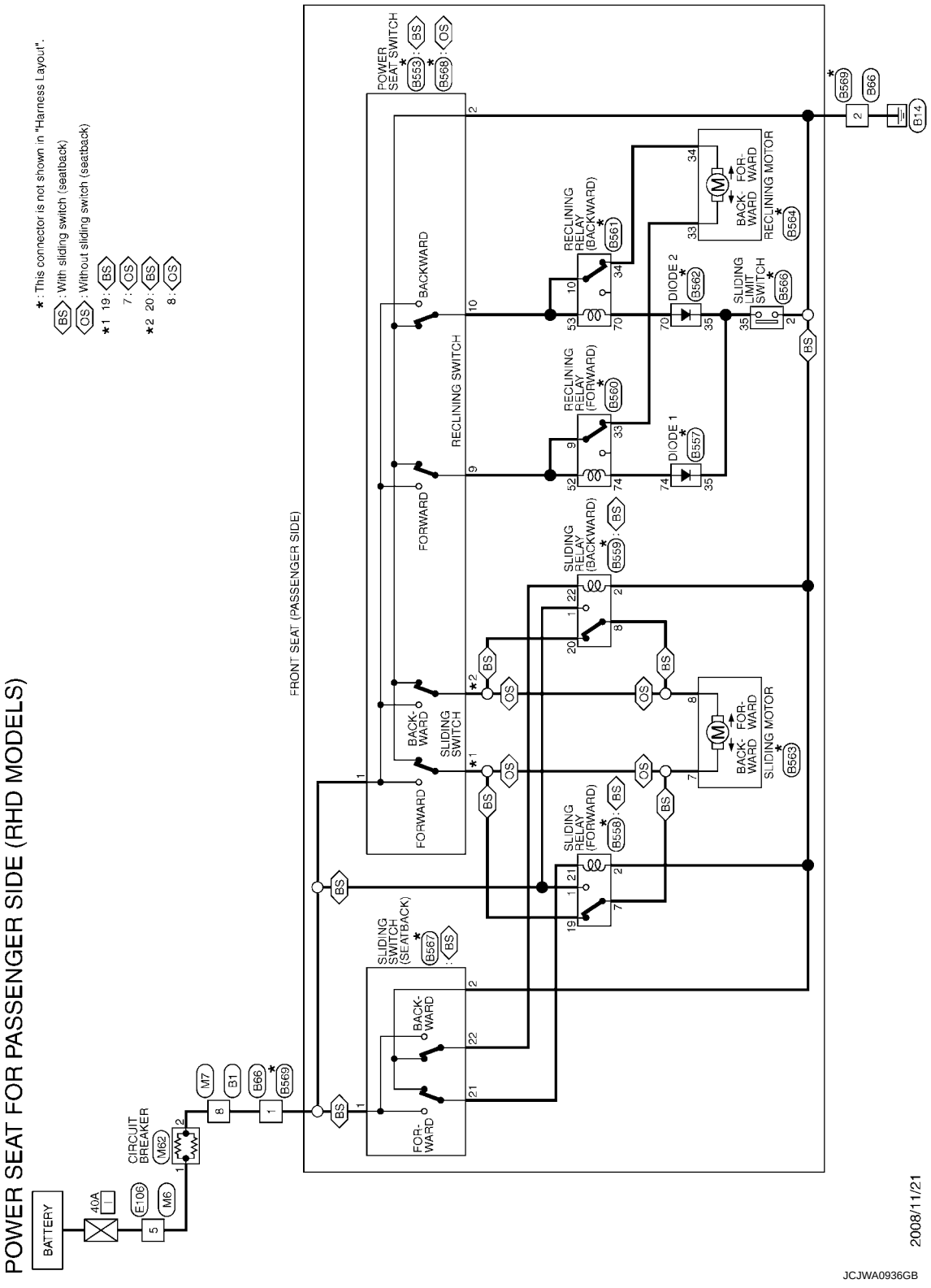
JCJWA0955GB



JCJWA0956GB

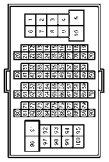
EXCEPT FOR EUROPE : Wiring Diagram - POWER SEAT FOR PASSENGER SIDE

INFOID:0000000004994618



POWER SEAT FOR PASSENGER SIDE (RHD MODELS)

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

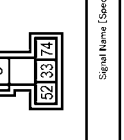


Terminal No.	Color of Wire	Signal Name [Specification]
8	W	–

Connector No.	B68
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	B553
Connector Name	POWER SEAT SWITCH (WITH SLIDING SWITCH)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
9	W	–
10	L	–
19	W/R	–
20	W/B	–

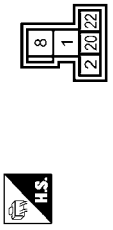
Connector No.	B557
Connector Name	DIODE I
Connector Type	24335C9900

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
74	B/W	–

Connector No.	B558
Connector Name	SLIDING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
7	R	–
19	W/R	–
21	B/Y	–

Connector No.	B559
Connector Name	SLIDING RELAY (BACKWARD)
Connector Type	MS03FB-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
8	LG	–
20	W/B	–
22	L/R	–

Connector No.	B560
Connector Name	RECLINING RELAY (FORWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–
33	B	–
52	W	–
74	B/W	–

Connector No.	B561
Connector Name	RECLINING RELAY (BACKWARD)
Connector Type	MS03FB-M2

Terminal No.	Color of Wire	Signal Name [Specification]
10	L	–
34	R/W	–
53	L	–
70	W/B	–

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POWER SEAT FOR PASSENGER SIDE (RHD MODELS)

Connector No.	B562
Connector Name	DIODE 2
Connector Type	24335C9900

H.S.

35 70

Terminal No.	Color of Wire	Signal Name [Specification]
35	Y	–
70	W/B	–

Connector No.	B563
Connector Name	SLIDING MOTOR
Connector Type	6098-0239

H.S.

7 8

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	–
8	LG	–

Connector No.	B564
Connector Name	RECLINING MOTOR
Connector Type	NS02FW-CS

H.S.

34 33

Terminal No.	Color of Wire	Signal Name [Specification]
33	B	–
34	R/W	–

Connector No.	B566
Connector Name	SLIDING LIMIT SWITCH
Connector Type	S02FW

H.S.

35 2

Terminal No.	Color of Wire	Signal Name [Specification]
2	B	–
35	Y	–

Connector No.	B567
Connector Name	SLIDING SWITCH (SEATBACK)
Connector Type	NS04MW-CS

H.S.

2 22 21 1

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
21	B/Y	–
22	L/R	–

Connector No.	B568
Connector Name	POWER SEAT SWITCH (WITHOUT SLIDING SWITCH)
Connector Type	NS08FW-CS

H.S.

9 1 2 7 8 10

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–
7	R	–
8	LG	–
9	W	–
10	L	–

Connector No.	B569
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

H.S.

2 1 6 5 4 3

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	–
2	B	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
5	GR	– [RHD models]

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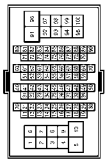
POWER SEAT FOR PASSENGER SIDE (RHD MODELS)

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

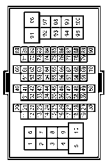
H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
5	W	– [RHD models]

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
8	W	–

Connector No.	M62
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-P-LC

H.S.

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

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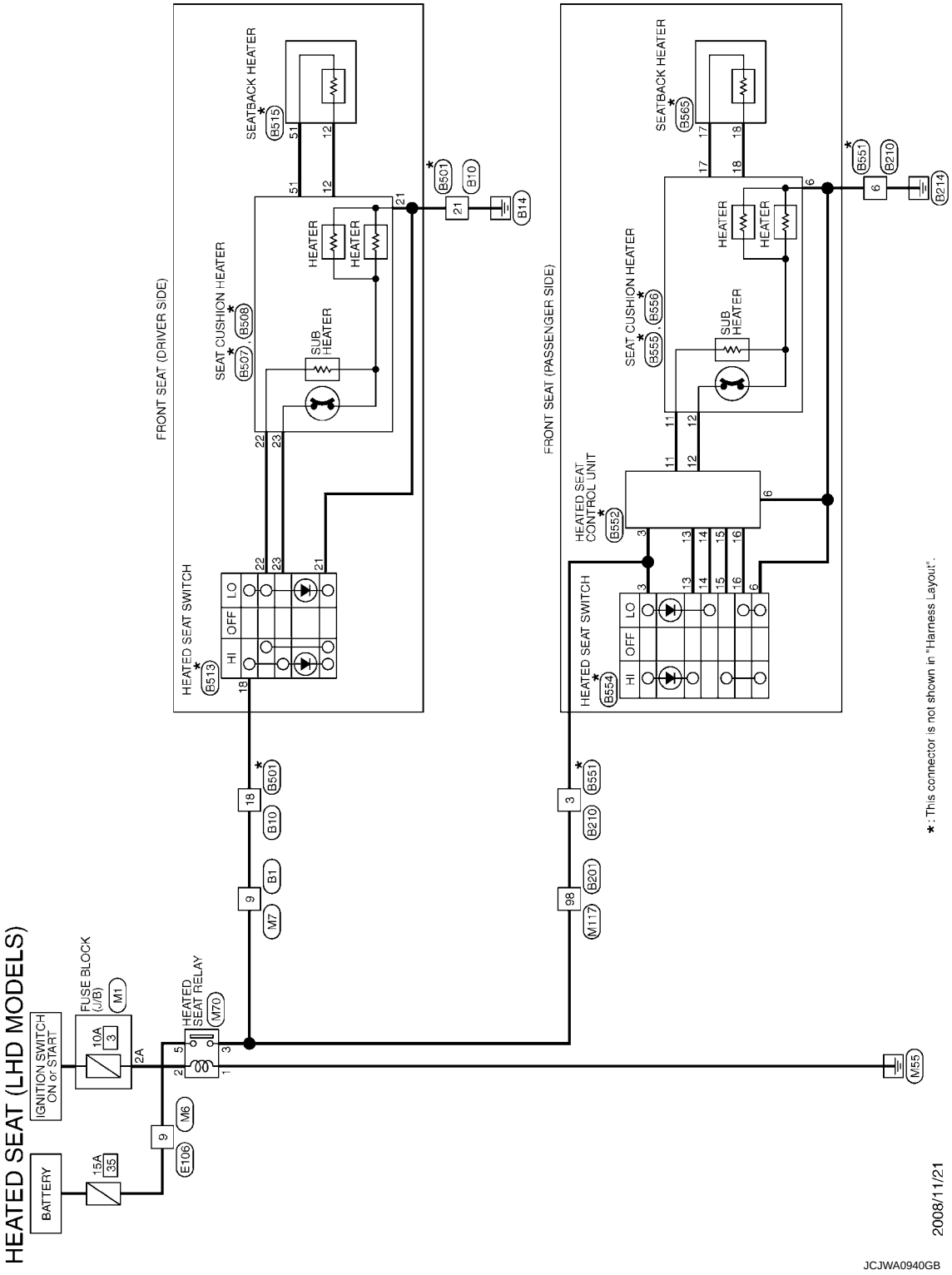
HEATED SEAT
FOR EUROPE

FOR EUROPE : Wiring Diagram - HEATED SEAT (LHD MODELS) -

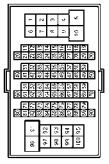
INFOID:0000000004646370



*: This connector is not shown in "Harness Layout".

HEATED SEAT (LHD MODELS)

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

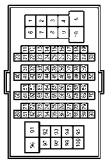


Terminal No.	Color of Wire	Signal Name [Specification]
9	Y	–

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

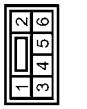
Terminal No.	Color of Wire	Signal Name [Specification]
18	Y	–
21	B	–

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
98	O	–

Connector No.	B210
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	O	–
6	B	–

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
18	R	–
21	B	–

Connector No.	B507
Connector Name	SEAT CUSHION HEATER
Connector Type	NS03MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
21	B	–
22	L/R	–
23	L/B	–

Connector No.	B508
Connector Name	SEAT CUSHION HEATER
Connector Type	S02MW

Terminal No.	Color of Wire	Signal Name [Specification]
12	L/W	–
51	L	–

Connector No.	B513
Connector Name	HEATED SEAT SWITCH
Connector Type	NS06FBR-CS

Terminal No.	Color of Wire	Signal Name [Specification]
18	R	–
21	B	–
22	L/R	–
23	L/B	–

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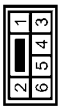
HEATED SEAT (LHD MODELS)

Connector No.	B515
Connector Name	SEATBACK HEATER
Connector Type	S02FW

Terminal No.	Color of Wire	Signal Name [Specification]
12	L/W	–
51	L	–

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	W	–

Connector No.	B552
Connector Name	HEATED SEAT CONTROL UNIT
Connector Type	TH16FW

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	IGN
6	W	GND
11	BR	HEAT LO
12	L/W	HEAT HI
13	LG/R	HEAT HI IND
14	G/B	HEAT LO IND
15	GR	HEAT HI SW
16	SB	HEAT LO SW

Connector No.	B554
Connector Name	HEATED SEAT SWITCH
Connector Type	TK10FW

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	W	–
13	LG/R	–
14	G/B	–
15	GR	–
16	SB	–

Connector No.	B555
Connector Name	SEAT CUSHION HEATER
Connector Type	NS03MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
6	W	–
11	BR	–
12	L/W	–

Connector No.	B556
Connector Name	SEAT CUSHION HEATER
Connector Type	S02MW

Terminal No.	Color of Wire	Signal Name [Specification]
17	Y/R	–
18	R	–

Connector No.	B565
Connector Name	SEATBACK HEATER
Connector Type	S02FW

Terminal No.	Color of Wire	Signal Name [Specification]
17	Y/R	–
18	R	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–

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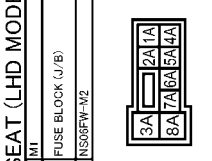
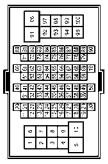
HEATED SEAT (LHD MODELS)

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



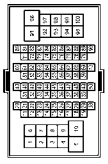
Terminal No.	Color of Wire	Signal Name [Specification]
2A	G	–

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
9	L	– [LHD models]

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
9	G	– [LHD models]

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-M2-LC

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	–
2	G	– [LHD models]
3	G	– [LHD models]
5	L	– [LHD models]

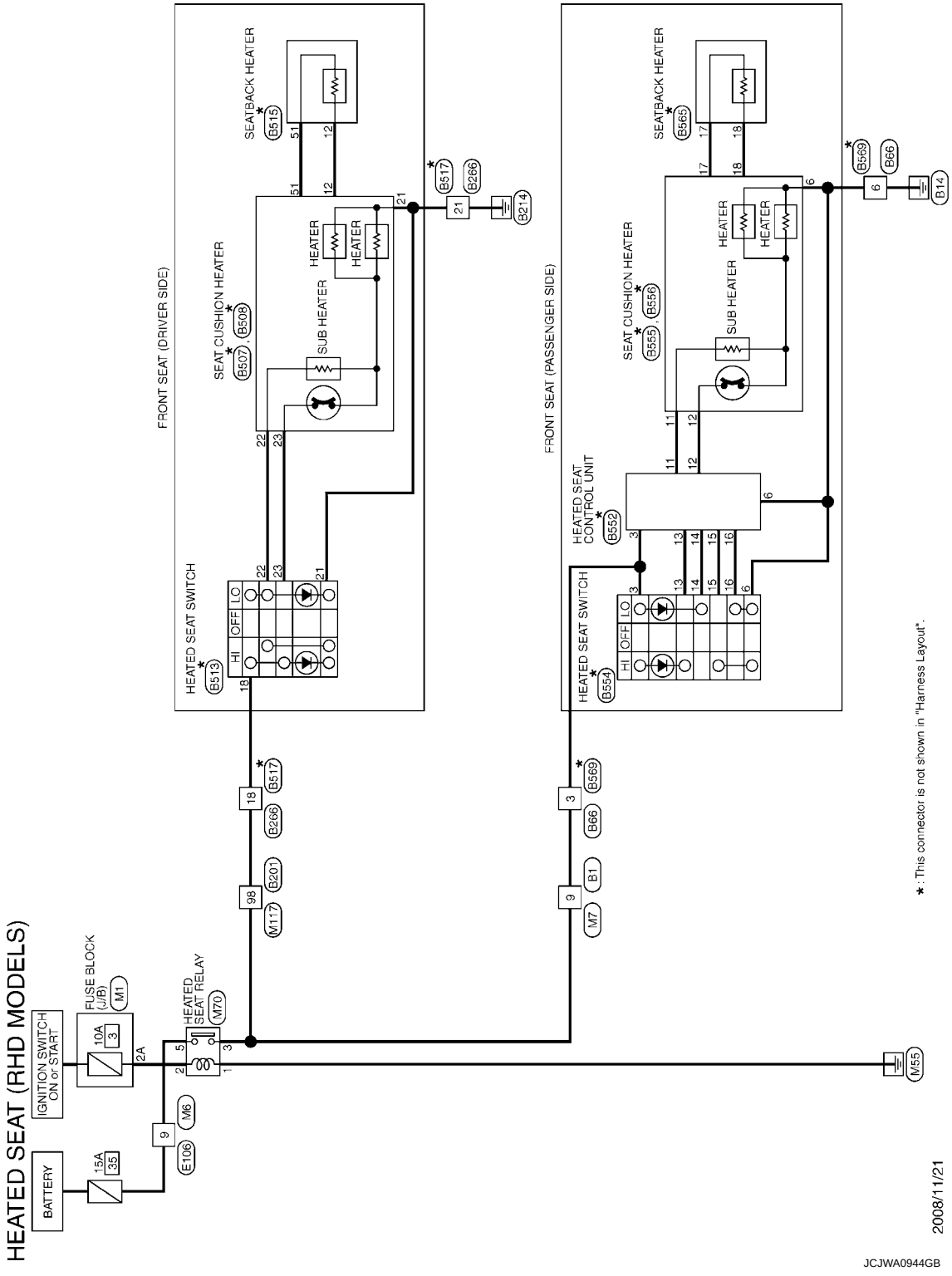
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
98	G	– [LHD models]

JCJWA0943GB

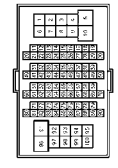
FOR EUROPE : Wiring Diagram - HEATED SEAT (RHD MODELS) -

INFOID:0000000004932762



HEATED SEAT (RHD MODELS)

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
9	Y	–

Connector No.	B507
Connector Name	SEAT CUSHION HEATER
Connector Type	NS03MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
21	B	–
22	L/R	–
23	L/B	–

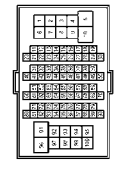
Connector No.	B66
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	B	–

Connector No.	B508
Connector Name	SEAT CUSHION HEATER
Connector Type	S02MW

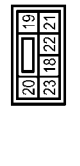
Terminal No.	Color of Wire	Signal Name [Specification]
12	L/W	–
51	L	–

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



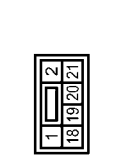
Terminal No.	Color of Wire	Signal Name [Specification]
98	O	–

Connector No.	B513
Connector Name	HEATED SEAT SWITCH
Connector Type	NS06FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
18	R	–
21	B	–
22	L/R	–
23	L/B	–

Connector No.	B266
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
18	O	–
21	B	–

Connector No.	B515
Connector Name	SEATBACK HEATER
Connector Type	S02FW

Terminal No.	Color of Wire	Signal Name [Specification]
12	L/W	–
51	L	–

JCJWA0945GB

HEATED SEAT (RHD MODELS)

Connector No.	B517
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
18	R	–
21	B	–

Connector No.	B556
Connector Name	SEAT CUSHION HEATER
Connector Type	S02MW

Terminal No.	Color of Wire	Signal Name [Specification]
17	Y/R	–
18	R	–

Connector No.	B552
Connector Name	HEATED SEAT CONTROL UNIT
Connector Type	TH16FW

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	IGN
6	W	GND
11	BR	HEAT LO
12	L/W	HEAT HI
13	LG/R	HEAT HI IND
14	G/B	HEAT LO IND
15	GR	HEAT HI SW
16	SB	HEAT LO SW

Connector No.	B565
Connector Name	SEATBACK HEATER
Connector Type	S02FW

Terminal No.	Color of Wire	Signal Name [Specification]
17	Y/R	–
18	R	–

Connector No.	B554
Connector Name	HEATED SEAT SWITCH
Connector Type	TK10FW

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	W	–
13	LG/R	–
14	G/B	–
15	GR	–
16	SB	–

Connector No.	B569
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	W	–

Connector No.	B555
Connector Name	SEAT CUSHION HEATER
Connector Type	NS03MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
6	W	–
11	BR	–
12	L/W	–

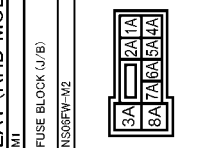
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–

JCJWA0946GB

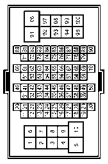
HEATED SEAT (RHD MODELS)

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



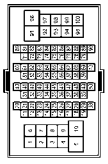
Terminal No.	Color of Wire	Signal Name [Specification]
2A	G	–

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
9	GR	– [RHD models]

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

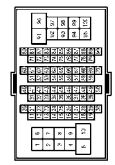


Terminal No.	Color of Wire	Signal Name [Specification]
9	W	– [RHD models]

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-M2-LC

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	–
2	R	– [RHD models]
3	W	– [RHD models]
5	GR	– [RHD models]

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



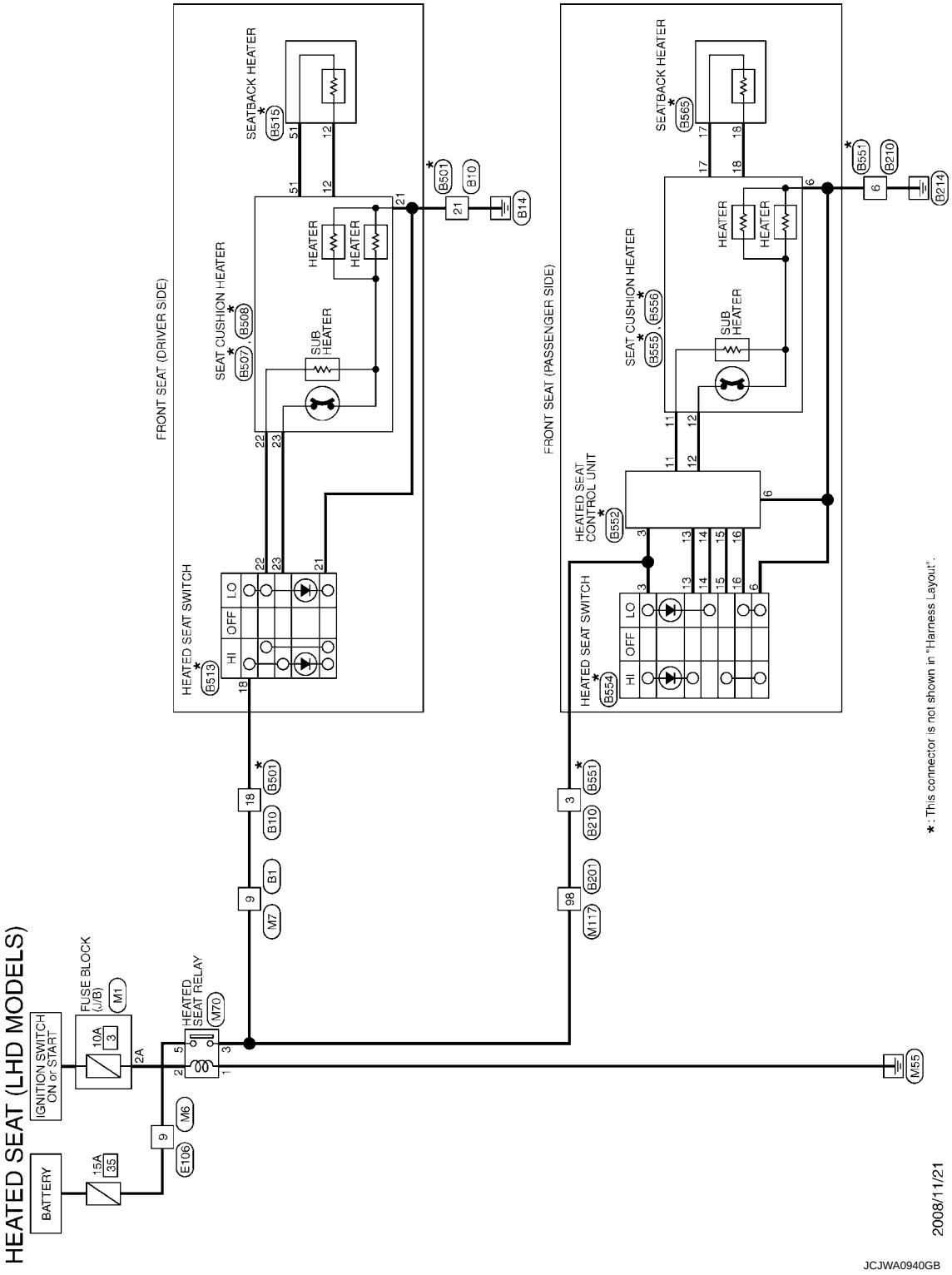
Terminal No.	Color of Wire	Signal Name [Specification]
98	W	– [RHD models]

JCJWA0947GB

EXCEPT FOR EUROPE

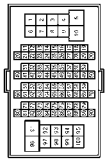
EXCEPT FOR EUROPE : Wiring Diagram - HEATED SEAT (LHD MODELS) -

INFOID:0000000004994619



HEATED SEAT (LHD MODELS)

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

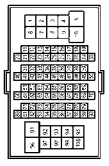


Terminal No.	Color of Wire	Signal Name [Specification]
9	Y	–

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

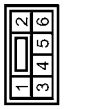
Terminal No.	Color of Wire	Signal Name [Specification]
18	Y	–
21	B	–

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
98	O	–

Connector No.	B210
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	O	–
6	B	–

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
18	R	–
21	B	–

Connector No.	B507
Connector Name	SEAT CUSHION HEATER
Connector Type	NS03MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
21	B	–
22	L/R	–
23	L/B	–

Connector No.	B508
Connector Name	SEAT CUSHION HEATER
Connector Type	S02MW

Terminal No.	Color of Wire	Signal Name [Specification]
12	L/W	–
51	L	–

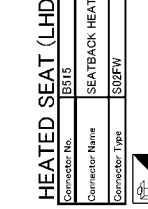
Connector No.	B513
Connector Name	HEATED SEAT SWITCH
Connector Type	NS06FBR-CS

Terminal No.	Color of Wire	Signal Name [Specification]
18	R	–
21	B	–
22	L/R	–
23	L/B	–

JCJWA0960GB

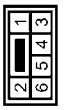
HEATED SEAT (LHD MODELS)

Connector No.	B515
Connector Name	SEATBACK HEATER
Connector Type	S02FW



Terminal No.	Color of Wire	Signal Name [Specification]
12	L/W	–
51	L	–

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	W	–

Connector No.	B552
Connector Name	HEATED SEAT CONTROL UNIT
Connector Type	TH16FW

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	IGN
6	W	GND
11	BR	HEAT LO
12	L/W	HEAT HI
13	LG/R	HEAT HI IND
14	G/B	HEAT LO IND
15	GR	HEAT HI SW
16	SB	HEAT LO SW

Connector No.	B554
Connector Name	HEATED SEAT SWITCH
Connector Type	TK10FW

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	W	–
13	LG/R	–
14	G/B	–
15	GR	–
16	SB	–

Connector No.	B555
Connector Name	SEAT CUSHION HEATER
Connector Type	NS03MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
6	W	–
11	BR	–
12	L/W	–

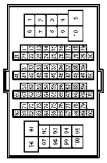
Connector No.	B556
Connector Name	SEAT CUSHION HEATER
Connector Type	S02MW

Terminal No.	Color of Wire	Signal Name [Specification]
17	Y/R	–
18	R	–

Connector No.	B565
Connector Name	SEATBACK HEATER
Connector Type	S02FW

Terminal No.	Color of Wire	Signal Name [Specification]
17	Y/R	–
18	R	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–

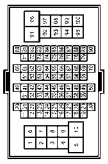
JCJWA0961GB

HEATED SEAT (LHD MODELS)

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2

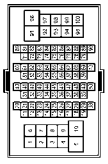
Terminal No.	Color of Wire	Signal Name [Specification]
2A	G	–

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



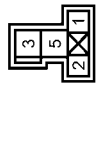
Terminal No.	Color of Wire	Signal Name [Specification]
9	L	– [LHD models]

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



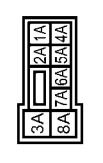
Terminal No.	Color of Wire	Signal Name [Specification]
9	G	– [LHD models]

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	–
2	G	– [LHD models]
3	G	– [LHD models]
5	L	– [LHD models]

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

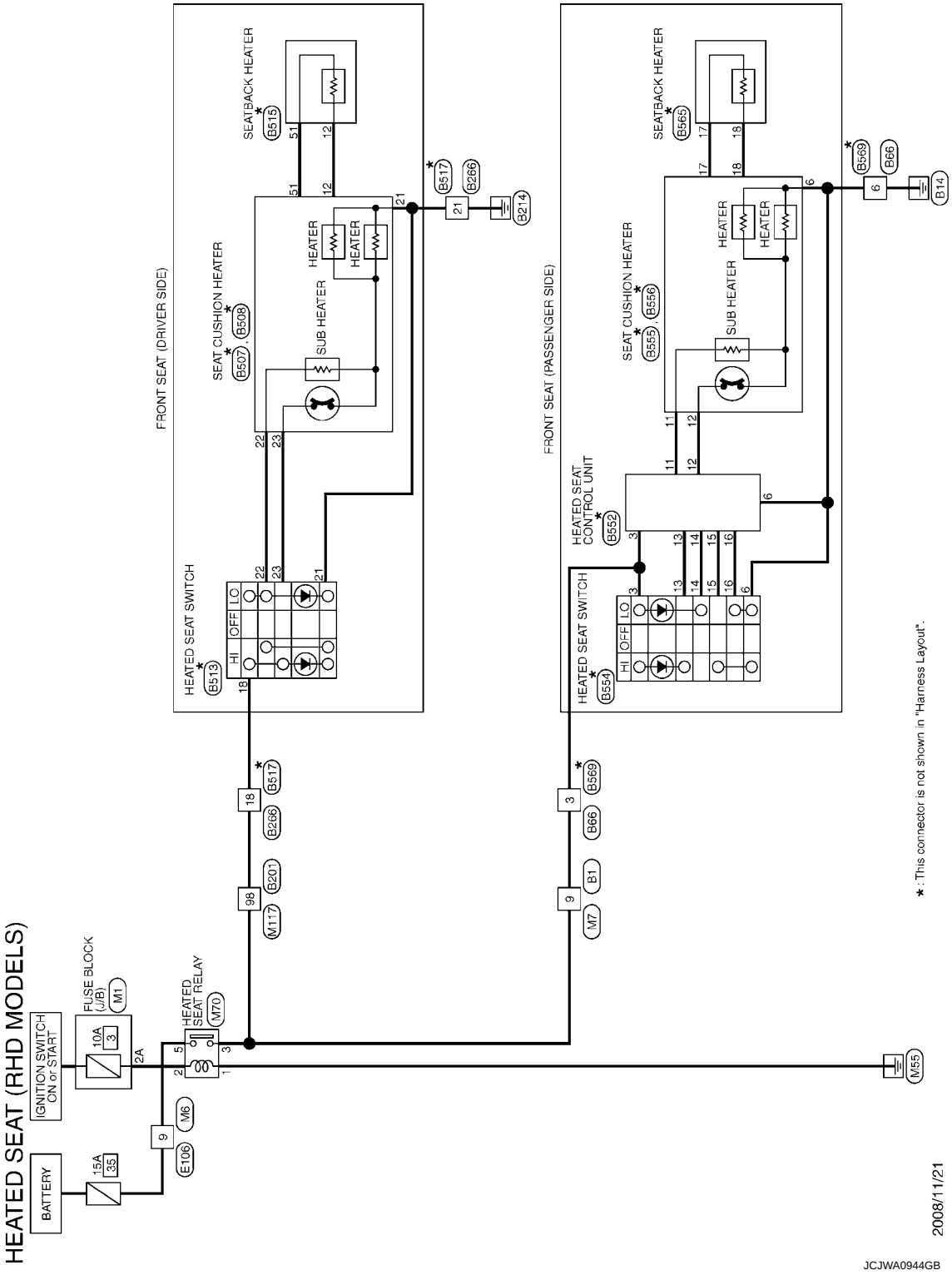


Terminal No.	Color of Wire	Signal Name [Specification]
98	G	– [LHD models]

JCJWA0962GB

EXCEPT FOR EUROPE : Wiring Diagram - HEATED SEAT (RHD MODELS) -

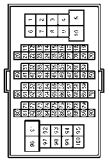
INFOID:0000000004994620



HEATED SEAT (RHD MODELS)

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

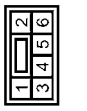
H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
9	Y	–

Connector No.	B66
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

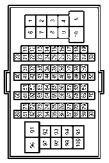
H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	B	–

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
98	O	–

Connector No.	B266
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
18	O	–
21	B	–

Connector No.	B507
Connector Name	SEAT CUSHION HEATER
Connector Type	NS03MW-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
21	B	–
22	L/R	–
23	L/B	–

Connector No.	B508
Connector Name	SEAT CUSHION HEATER
Connector Type	S02MW

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
12	L/W	–
51	L	–

Connector No.	B513
Connector Name	HEATED SEAT SWITCH
Connector Type	NS06FBR-CS

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
18	R	–
21	B	–
22	L/R	–
23	L/B	–

Connector No.	B515
Connector Name	SEATBACK HEATER
Connector Type	S02FW

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
12	L/W	–
51	L	–

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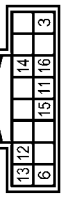
HEATED SEAT (RHD MODELS)

Connector No.	B517
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
18	R	–
21	B	–

Connector No.	B552
Connector Name	HEATED SEAT CONTROL UNIT
Connector Type	TH16FW



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	IGN
6	W	GND
11	BR	HEAT LO
12	L/W	HEAT HI
13	LG/R	HEAT HI IND
14	G/B	HEAT LO IND
15	GR	HEAT HI SW
16	SB	HEAT LO SW

Connector No.	B554
Connector Name	HEATED SEAT SWITCH
Connector Type	TK10FW

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	W	–
13	LG/R	–
14	G/B	–
15	GR	–
16	SB	–

Connector No.	B555
Connector Name	SEAT CUSHION HEATER
Connector Type	NS03MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
6	W	–
11	BR	–
12	L/W	–

Connector No.	B556
Connector Name	SEAT CUSHION HEATER
Connector Type	S02MW

Terminal No.	Color of Wire	Signal Name [Specification]
17	Y/R	–
18	R	–

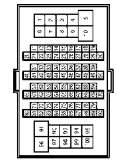
Connector No.	B565
Connector Name	SEATBACK HEATER
Connector Type	S02FW

Terminal No.	Color of Wire	Signal Name [Specification]
17	Y/R	–
18	R	–

Connector No.	B569
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
6	W	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

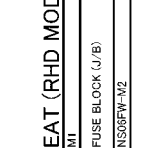


Terminal No.	Color of Wire	Signal Name [Specification]
9	W	–

JCJWA0964GB

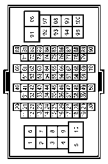
HEATED SEAT (RHD MODELS)

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



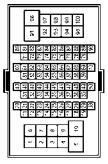
Terminal No.	Color of Wire	Signal Name [Specification]
2A	G	–

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
9	GR	– [RHD models]

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

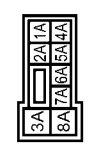


Terminal No.	Color of Wire	Signal Name [Specification]
9	W	– [RHD models]

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-M2-LC

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	–
2	R	– [RHD models]
3	W	– [RHD models]
5	GR	– [RHD models]

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
98	W	– [RHD models]

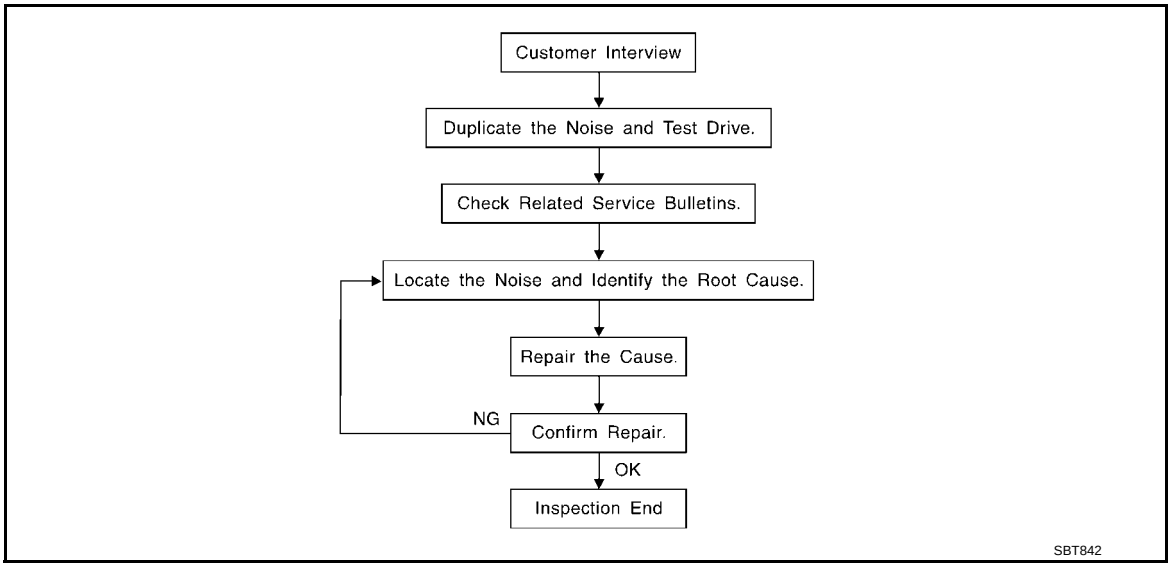
JCJWA0965GB

SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:0000000005031694



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 the customer's comments; refer to SE-60, "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, be sure to diagnose and repair the noise that the customer is concerned about. This can be accomplished by a test drive 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 bumble bee)
  Buzz characteristics include high frequency rattle/firm contact.
- Often the degree of acceptable noise level will vary depending upon 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 model, drive position on A/T model).
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.

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 (Engine Ear or 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 is are suspected to be the cause of the noise.
- Looking for loose components and contact marks.
  Refer to SE-58, "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. These insulators are available through the authorized Nissan Parts Department.

CAUTION:
Never use excessive force as many components are constructed of plastic and may be damaged.
NOTE:

- URETHANE PADS
  Insulates connectors, harness, etc.
- INSULATOR (Foam blocks)
  Insulates components from contact. Can be used to fill space behind a panel.
- INSULATOR (Light foam block)
- FELT CLOTHTAPE
  Used to insulate where movement does not occur. Ideal for instrument panel applications.
  The following materials, not available through NISSAN Parts Department, 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.
  Note: 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:0000000005031695

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. 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 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. 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 is important to note the position the seat is 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. 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.

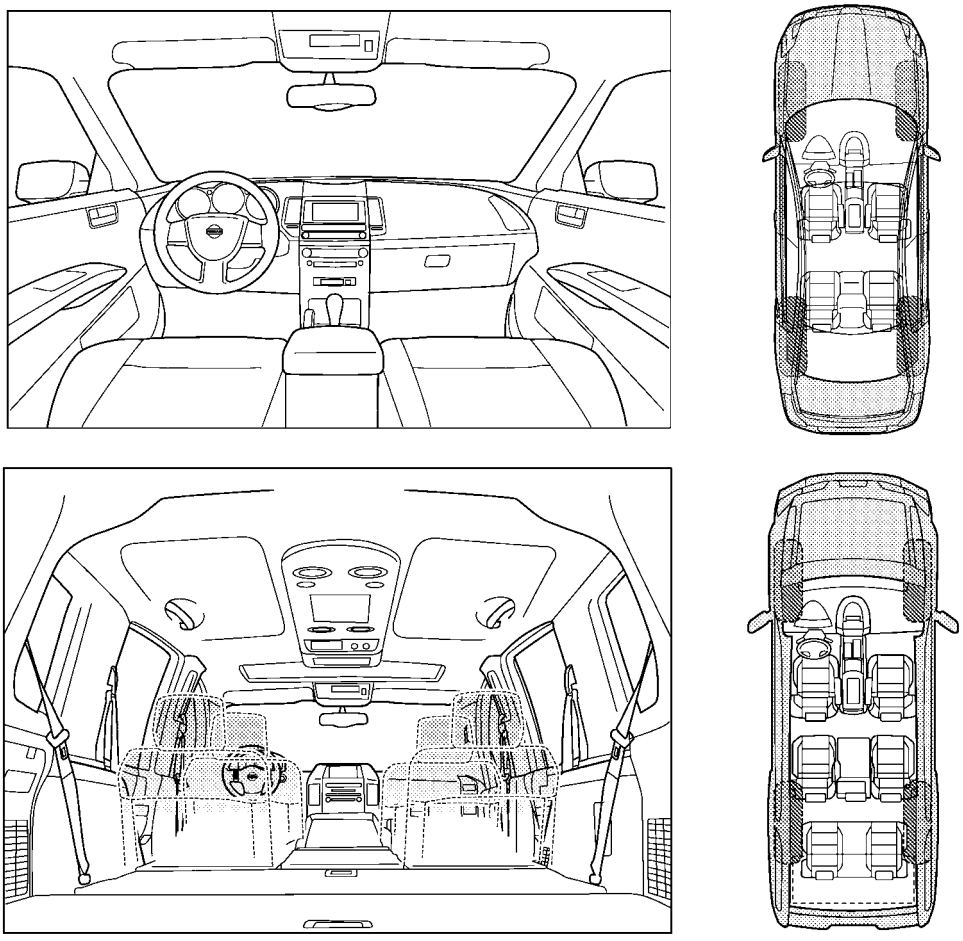
Diagnostic Worksheet

INFOID:0000000004646373

SQUEAK & RATTLE
DIAGNOSTIC WORKSHEET

Dear Nissan Customer:
We are concerned about your satisfaction with your Nissan vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your Nissan 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 advisor 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.

PIIB8740E

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

PRECAUTION

PRECAUTIONS

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

INFOID:0000000004646374

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:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the “SRS AIR BAG”.**
- **Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**

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

WARNING:

- **When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.**
- **When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.**

Precaution for Pop Up Engine Hood

INFOID:0000000005031696

WARNING:

- **Before removal or installation of the pop-up engine hood and harness, always turn OFF the key switch, disconnect the battery negative terminal, and wait for 3 minutes or more. (To discharge the accumulated electricity in the pop-up engine hood control unit auxiliary power supply circuit)**
- **Never use pneumatic or electric tools, etc., to remove or install components of the pop-up engine hood.**
- **Never repair the harness for the pop-up engine hood with a solder. Also, always avoid contact or interference between the harness and other parts.**
- **Never use an electric tester like a circuit tester, etc., when inspecting the pop-up engine hood circuit or other individual parts. (To prevent activation due to the low voltage of the tester)**
- **Never allow foreign materials like a screwdriver, etc., to enter the pop-up engine hood harness connector. (To prevent activation due to static electricity)**
- **The yellow harness connector is used with the pop-up engine hood for identification purposes compared to other harnesses.**

Precaution for Battery Service

INFOID:0000000004646375

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

Service Notice

INFOID:0000000004646376

- 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:0000000004646377

- 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.

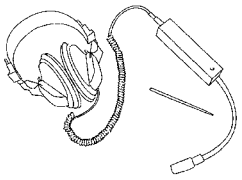
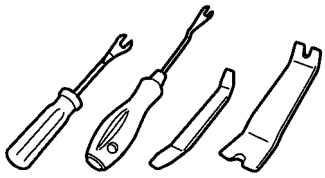
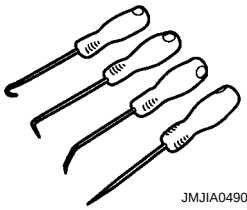
- Never use organic solvent such as thinner, benzene, alcohol, and gasoline.
- For genuine leather seats, use a genuine leather seat cleaner.

PREPARATION

PREPARATION

Commercial Service Tool

INFOID:0000000004646379

Tool name	Description
Engine ear  SIIA0995E	Locates the noise
Remover tool  JMKIA3050ZZ	Removes clips, pawls and metal clips
Hook and pick tool  JMJIA0490ZZ	Removes the snap pins.

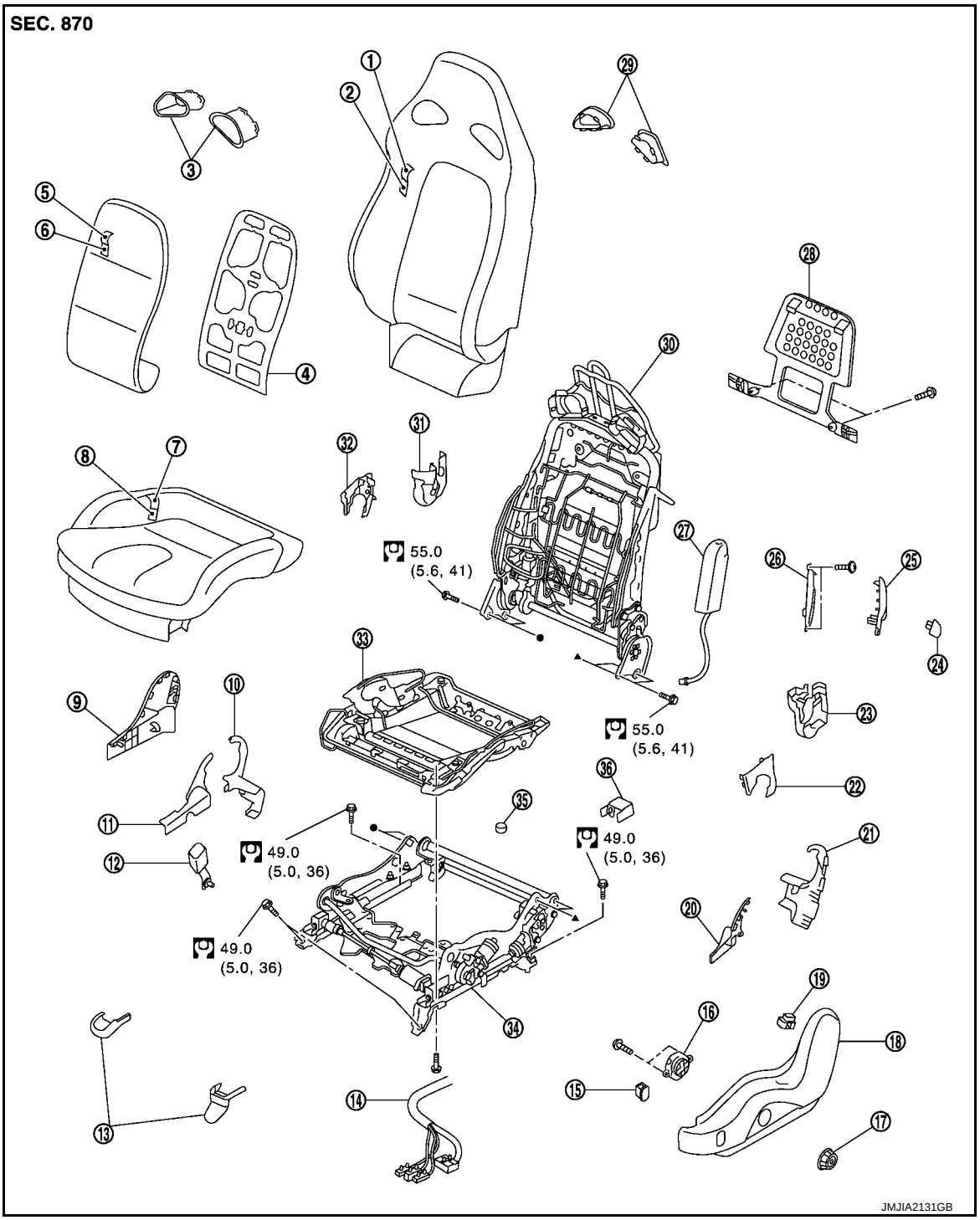
REMOVAL AND INSTALLATION

FRONT SEAT (EXCEPT SPECV)

Exploded View

INFOID:0000000004646380

Driver seat

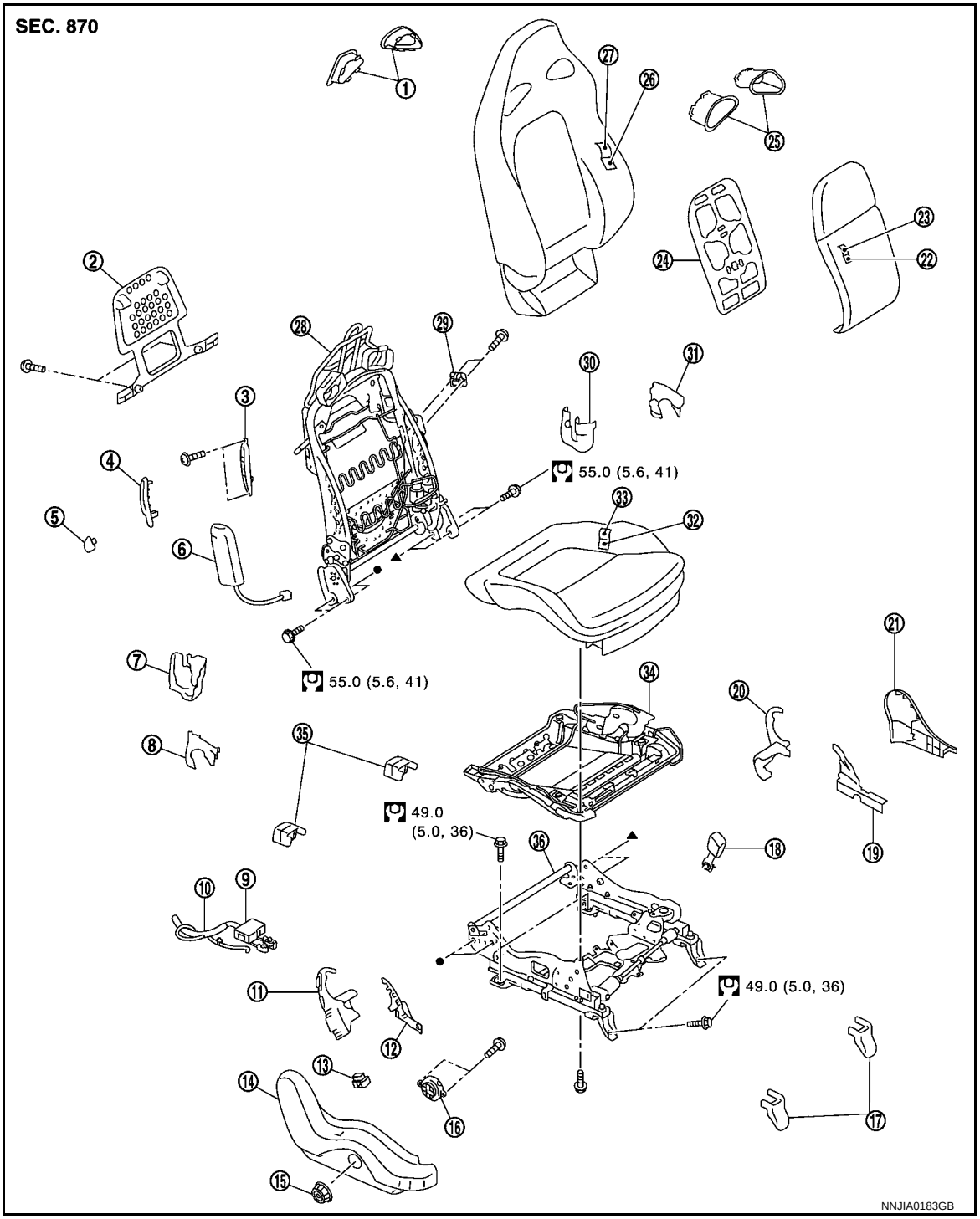


1. Seatback trim
2. Seatback pad
3. Seatback ornament (front)
4. Seatback plate (main)
5. Seatback trim (main)
6. Seatback pad (main)
7. Seat cushion trim
8. Seat cushion pad
9. Seat cushion inner finisher outside

10. Seat cushion inner finisher inside (rear)	11. Seat cushion inner finisher inside (front)	12. Seat belt buckle
13. Front slide cover	14. Seat harness	15. Thigh support switch
16. Seat control switch	17. Seat control switch knob	18. Seat cushion outer finisher outside
19. Heater seat switch	20. Seat cushion outer finisher inside (front)	21. Seat cushion outer finisher inside (rear)
22. Reclining device outer cover (outside)	23. Reclining device outer cover (inside)	24. Walk-in lever knob
25. Walk-in lever escutcheon	26. Walk-in lever bracket	27. Side air bag module
28. Seatback cover panel	29. Seatback ornament (rear)	30. Seatback frame
31. Reclining device inner cover (inside)	32. Reclining device inner cover (outside)	33. Seat cushion frame
34. Adjuster assembly	35. Rear inner bolt cap	36. Rear slide outer cover

Refer to GI-4, "Components" for symbols in the figure.

Passenger seat



1. Seatback ornament (rear)
2. Seatback cover panel
3. Walk-in lever bracket
4. Walk-in lever escutcheon
5. Walk-in lever knob
6. Side air bag module
7. Reclining device outer cover (inside)
8. Reclining device outer cover (outside)
9. Heater seat control unit
10. Seat harness
11. Seat cushion outer finisher inside (rear)
12. Seat cushion outer finisher inside (front)
13. Heater seat switch
14. Seat cushion outer finisher outside
15. Seat control switch knob
16. Seat control switch
17. Front slide cover
18. Seat belt buckle
19. Seat cushion inner finisher inside (front)
20. Seat cushion inner finisher inside (rear)
21. Seat cushion inner finisher outside
22. Seatback pad (main)
23. Seatback trim (main)
24. Seatback plate (main)

25. Seatback ornament (front)
26. Seatback pad
27. Seatback trim
28. Seatback frame
29. Seat slide switch
30. Reclining device inner cover (inside)
31. Reclining device inner cover (outside)
32. Seat cushion pad
33. Seat cushion trim
34. Seat cushion frame
35. Rear slide cover
36. Adjuster assembly

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000004646381

REMOVAL

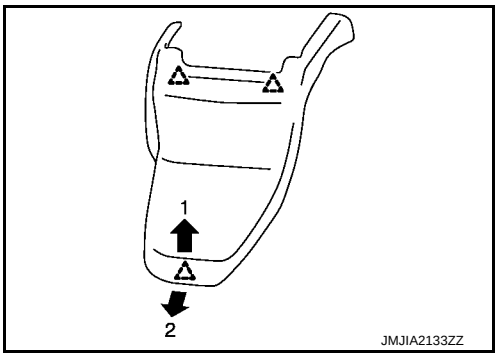
CAUTION:

Use shop cloths to protect parts from damage during removal and installation.

1. Operate the seat control switch knob to move the seat slide to the rearmost position.
2. Remove the front slide cover.

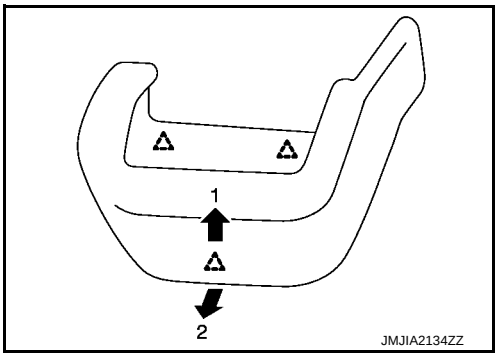
a. Front outer slide cover

: Pawl



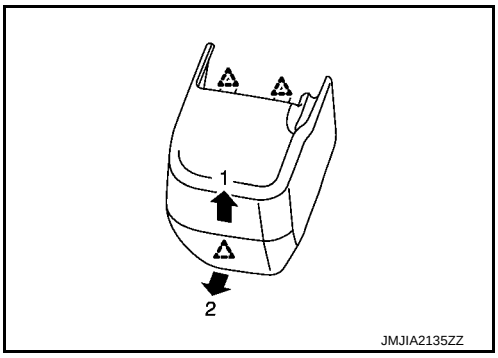
b. Front inner slide cover

: Pawl



3. Remove the mounting bolts from the front seat front side.
4. Operate the seat control switch knob to move the seat slide to the foremost position.
5. Remove the rear slide outer and inner covers.

: Pawl



6. Remove the rear inner bolt cap (Driver seat only).
7. Remove the mounting bolts from the front seat rear side.
8. Set the seatback vertically.
9. Lift up the seat cushion front side, and disconnect the harness connector under the seat cushion and remove the harness clamp.

CAUTION:
For the seat with side air bag, disconnect the battery cable from the negative terminal after checking that the ignition switch is OFF, wait for at least 3 minutes, and then disconnect the connector.

10. Remove the front seat from the vehicle.

CAUTION:
- **Use shop cloths to protect parts from damage during removal and installation.**
- **Two people must perform removal and installation of the seat assembly to prevent damage or to keep from dropping it.**

INSTALLATION

Install in the reverse order of removal.

CAUTION:
- **Always fix the harness clamp in the normal position.**
- **Be careful that only driver seat rear inner mounting bolt is different from others among the front seat mounting bolts.**

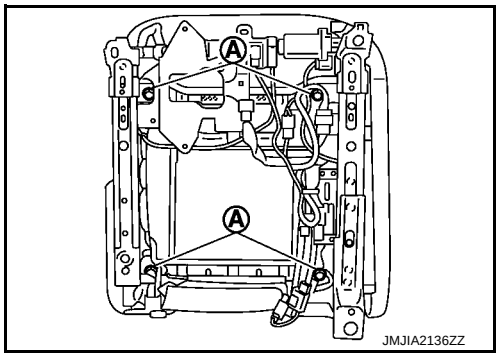
Disassembly and Assembly

INFOID:0000000004646382

Seatback

Disassembly

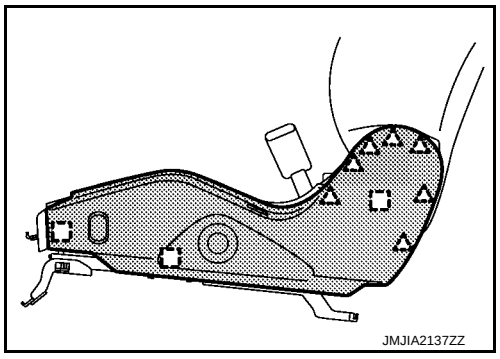
1. Remove the seat cushion.
   - Disconnect the harness connector of seat cushion heater unit (with heater seat only).
   - Remove the seat cushion lower surface mounting bolts (A).



   - Remove the seat cushion trim retainer from the lower rear of the seat cushion.

2. Remove the seat cushion outer finisher outside.
   Disconnect the connectors of seat control switch, heater switch, and thigh support (Driver seat only) switch.

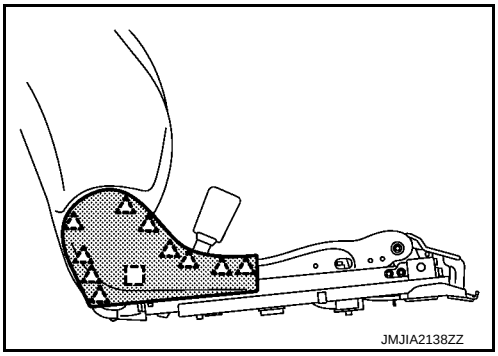
: Metal clip
: Pawl



3. Remove the seat cushion inner finisher outside.

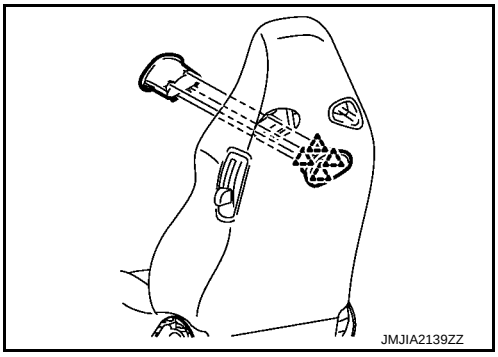
: Metal clip

: Pawl



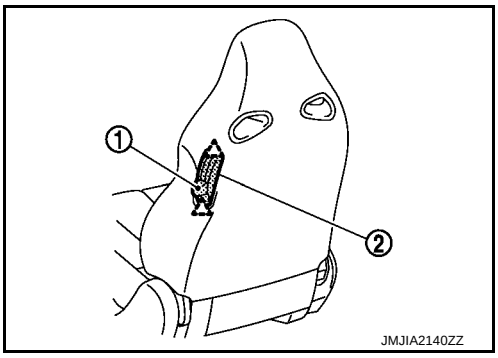
4. Remove the seatback ornament.

: Pawl

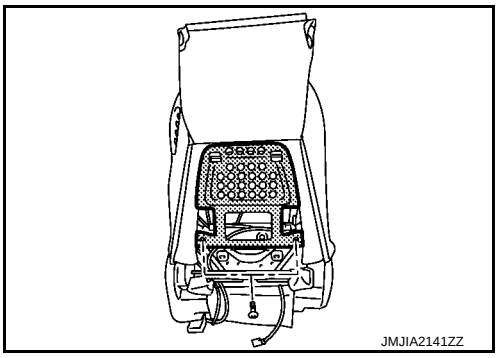


5. Remove the walk-in lever knob (1) and walk-in lever escutcheon (2).

: Pawl

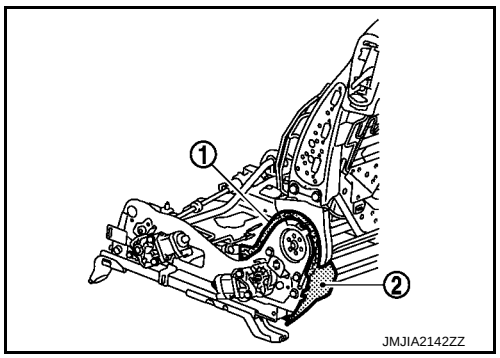


6. Remove the seatback (main).
   - Unfasten the seatback trim fastener.
   - Remove the seatback trim lower retainer.
   - Remove the seatback cover panel mounting screws, and then remove the seatback cover panel.
   - Remove the retainer and hog ring of the seatback (main), and then remove the seatback (main).
   - Remove the hog ring of the seatback (main), and then separate the seatback trim (main) from the seatback pad (main).

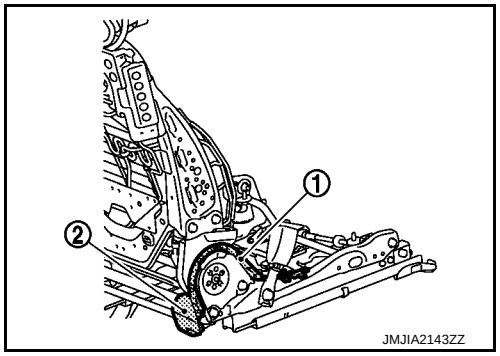


7. Remove the seatback trim.
   - Remove the hog ring.
   - Remove the side air bag module.
   - Remove the seatback trim.
8. Remove the seatback pad.

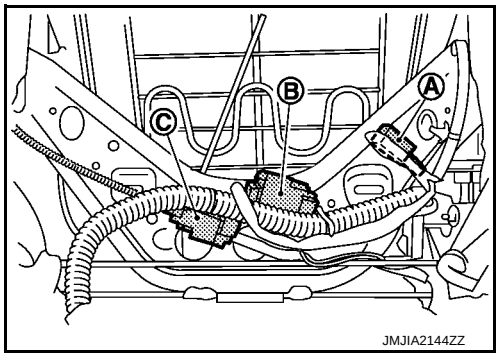
9. Remove the seat cushion outer finisher inside (front) (1) and the seat cushion outer finisher inside (rear) (2).



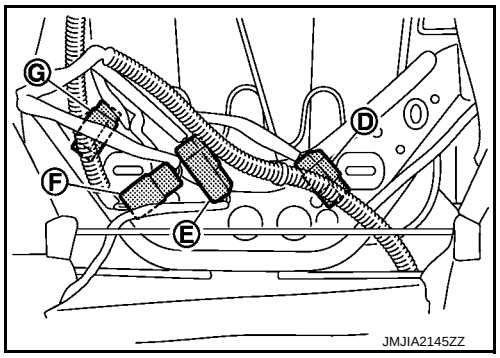
10. Remove the seat cushion inner finisher inside (front) (1) and the seat cushion inner finisher inside (rear) (2).



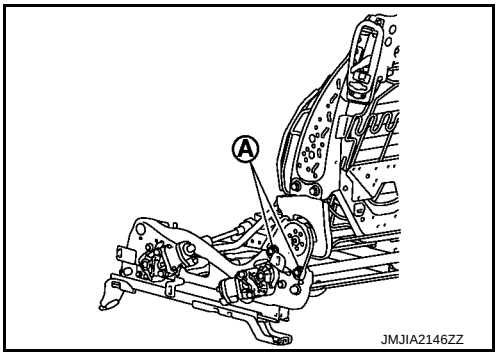
11. Disconnect the harness connector.
Driver side
Disconnect the reclining motor harness connector (A), the heater unit harness connector (B), and the reclining limit switch harness connector (C).



Passenger side
Disconnect the reclining limit switch harness connector (D), the heater unit harness connector (E), the slide motor harness connector (F), and the reclining motor harness connector (G).

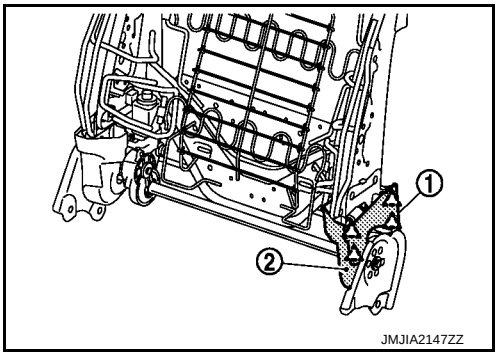


12. Remove the seatback frame.
    Remove the seatback frame mounting bolts (A).



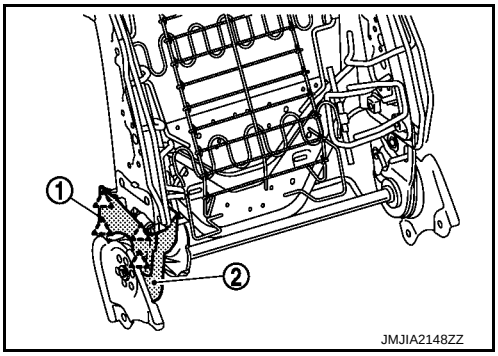
13. Remove the reclining device outer cover (outside) (1) and the reclining device outer cover (inside) (2).

    : Pawl

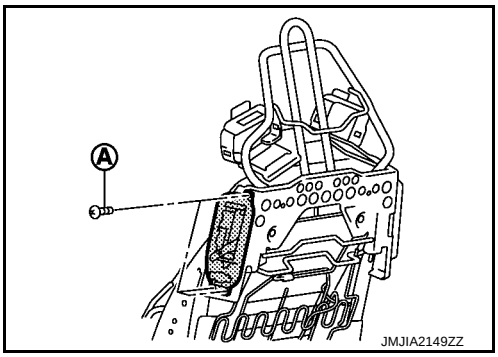


14. Remove the reclining device inner cover (outside) (1) and the reclining device inner cover (inside) (2).

    : Pawl



15. Remove the walk-in lever bracket.
    Remove the walk-in lever bracket mounting screws (A), and then remove the walk-in escutcheon bracket.



Assembly

Assemble in the reverse order of disassembly.

CAUTION:

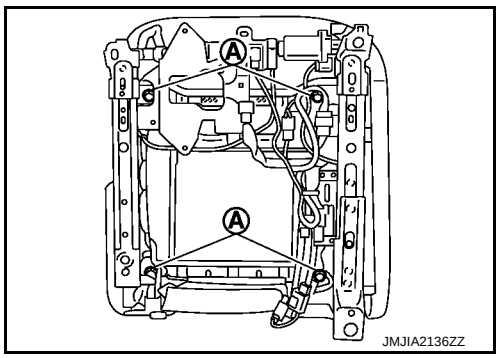
Install the hog rings of seatback trim in position, and then securely connect the trim or trim cord with the pad side wire.

Seat cushion

Disassembly

1. Remove the seat cushion.
   - Disconnect the harness connector from the seat cushion heater unit.

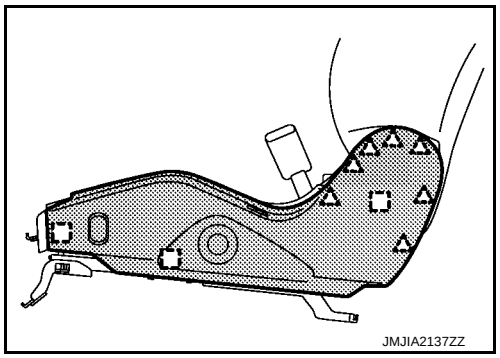
- Remove the seat cushion lower surface mounting bolts (A).



- Remove the seat cushion trim retainer from the lower rear of the seat cushion.

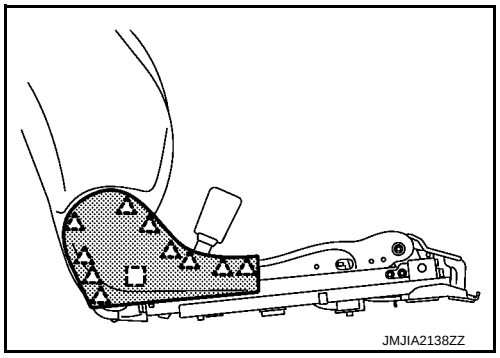
2. Remove the seat cushion outer finisher outside.
Disconnect the connectors of seat control switch, heater switch, and thigh support (driver seat only) switch.

: Metal clip
: Pawl

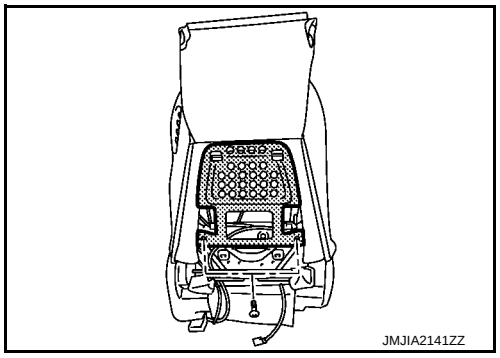


3. Remove the seat cushion inner finisher outside.

: Metal clip
: Pawl

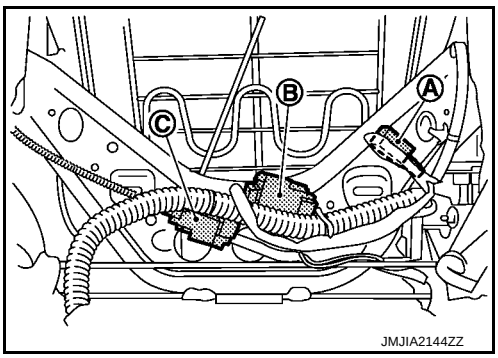


4. Remove the seatback trim retainer.
5. Remove the seatback panel.
   - Unfasten the seatback trim fastener.
   - Remove the seatback cover panel mounting screws, and then remove the seatback cover panel.

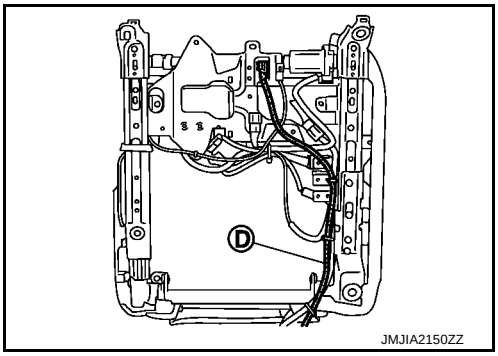


6. Disconnect the harness connector.
Driver side

- Disconnect the reclining motor harness connector (A), the heater unit harness connector (B), and the reclining limit switch harness connector (C).

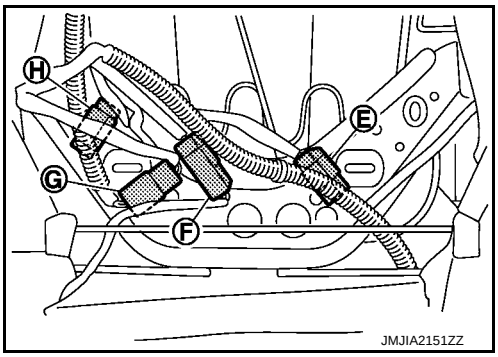


- Disconnect the side air bag harness (D) of seat cushion lower surface.

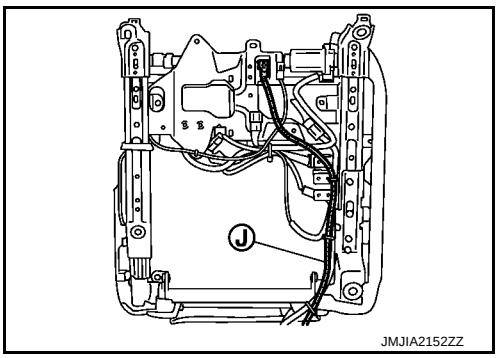


Passenger side

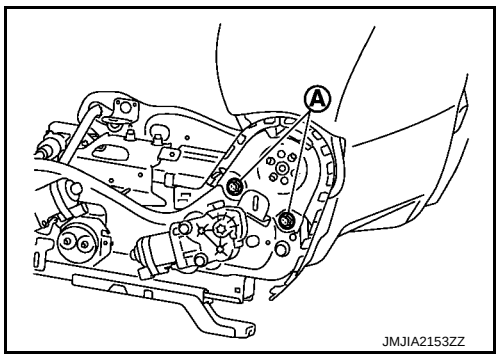
- Disconnect the reclining limit switch harness connector (E), the heater unit harness connector (F), the slide motor harness connector (G), and the reclining motor harness connector (H).



- Disconnect the side air bag harness (J) of seat cushion lower surface.



7. Remove the seatback assembly.
   Remove the seatback mounting bolts (A), and then remove the seatback assembly.



8. Remove the seat cushion trim and the seat cushion pad.
   - Remove the seat cushion retainer and hog ring.
   - Remove the seat cushion trim and the seat cushion pad from the seat cushion frame.
   - Remove the hog rings, and then disassemble the seat cushion pad and the seat cushion trim.
9. Remove the seat belt buckle. Refer to SB-8, "SEAT BELT BUCKLE : Removal and Installation".
10. Remove the heater seat control unit (passenger seat only). Refer to SE-84, "Removal and Installation".

Assembly

Assemble in the reverse order of disassembly.

CAUTION:

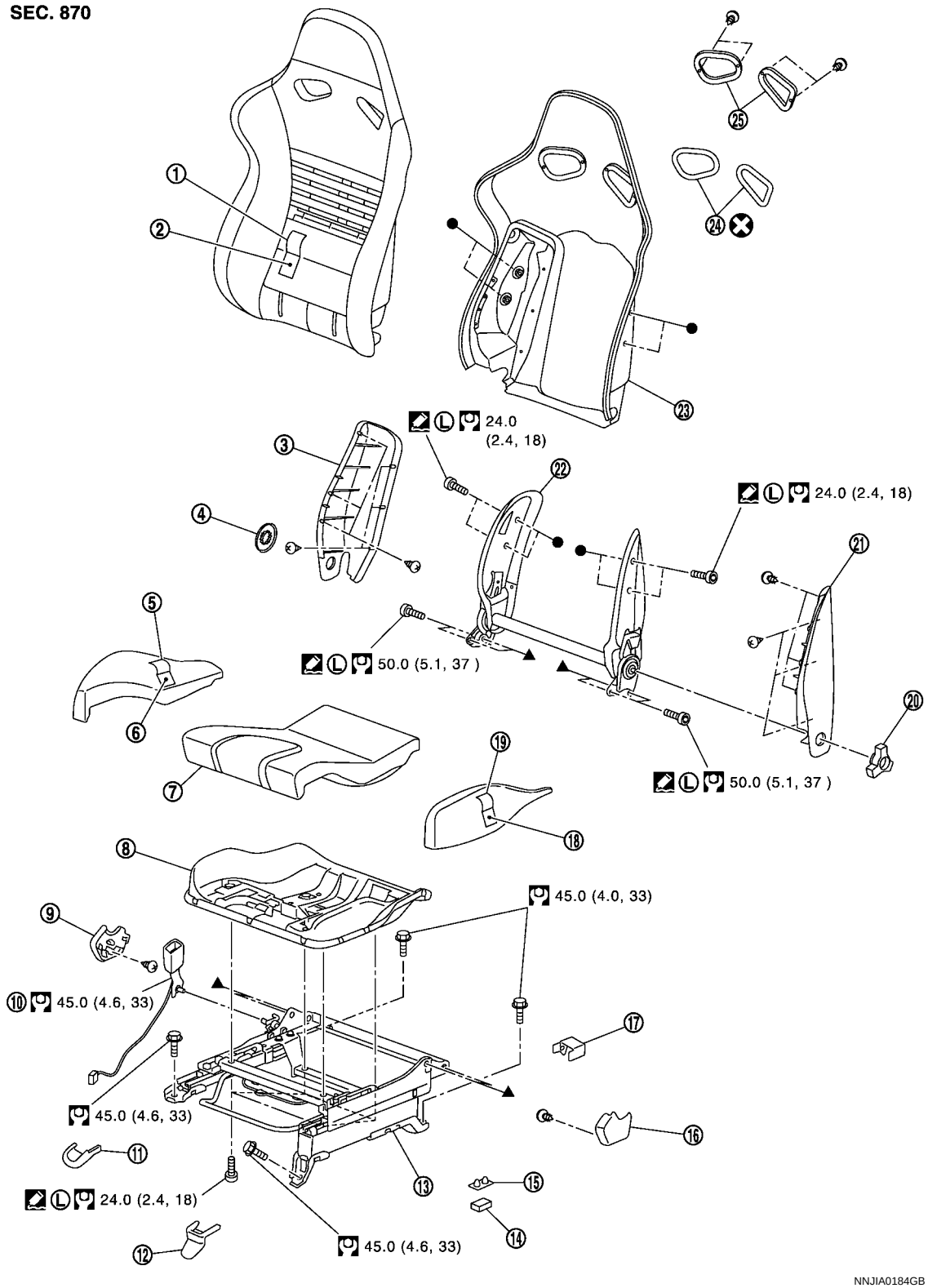
Install the hog rings of seat cushion trim in position, and then securely connect the trim or trim cord with the pad side wire.

FRONT SEAT (SPECV)

Exploded View

INFOID:0000000005388643

Driver seat

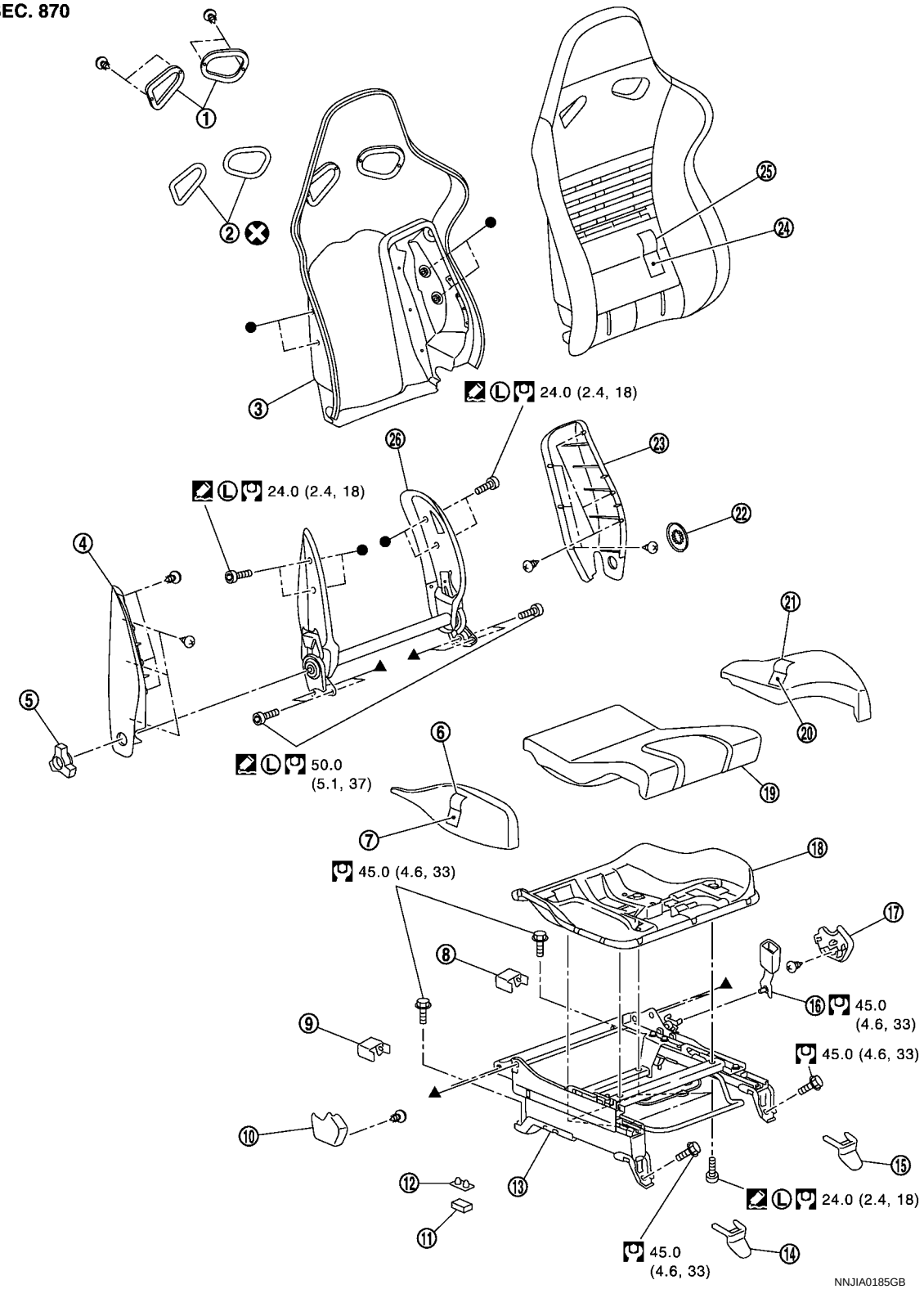


1. Seatback trim
2. Seatback pad
3. Inner side cover
4. Seatback cap
5. Seat cushion trim (inner)
6. Seat cushion pad (inner)
7. Seat cushion trim and pad
8. Seat cushion frame
9. Reclining device inner cover
10. Seat belt buckle
11. Front slide inner cover
12. Front slide outer cover
13. Seat adjuster assembly
14. Dummy connector
15. Clip
16. Reclining device outer cover
17. Rear slide cover
18. Seat cushion pad (outer)
19. Seat cushion trim (outer)
20. Reclining knob
21. Outer side cover
22. Seatback side frame
23. Seatback shell
24. Seatback seal
25. Seatback ornament

Refer to GI-4, "Components" for symbols in the figure.

Passenger seat

SEC. 870



1. Seatback ornament
2. Seatback pad
3. Seatback shell
4. Seatback side frame
5. Reclining knob
6. Seat cushion trim (outer)
7. Seat cushion pad (outer)
8. Rear slide inner cover
9. Rear slide outer cover
10. Reclining device outer cover
11. Dummy connector
12. Clip
13. Seat adjuster assembly
14. Front slide outer cover
15. Front slide inner cover
16. Seat belt buckle
17. Reclining device inner cover
18. Seat cushion frame

19. Seat cushion trim and pad
20. Seat cushion pad (inner)
21. Seat cushion trim (inner)
22. Seatback cap
23. Inner side cover
24. Seatback pad
25. Seatback trim

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000005388644

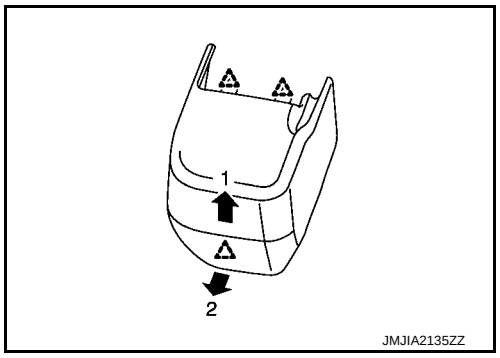
REMOVAL

CAUTION:

- **Use shop cloths to protect parts from damage during removal and installation.**
- **Never apply any chemical products like wax, coating agent, and compound for Spec V carbon parts. They are produced by composite manufacturing methods similar to a racing vehicle and special paint is adopted to enhance the look and feel of materials. (Otherwise, water may penetrate to carbon layers and may cause corrosion.)**
- **Never place any carbon parts directly on the ground. Always protect them using a soft sheet during removal, installation, and replacement operations.**

1. Seat slide to the rearmost position.
2. Seat slide to the foremost position.
3. Remove the rear slide outer and inner covers.

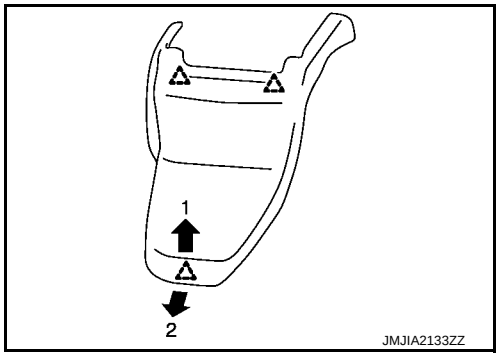
: Pawl



4. Remove the mounting bolts from the front seat rear side.
5. Remove the front slide cover.

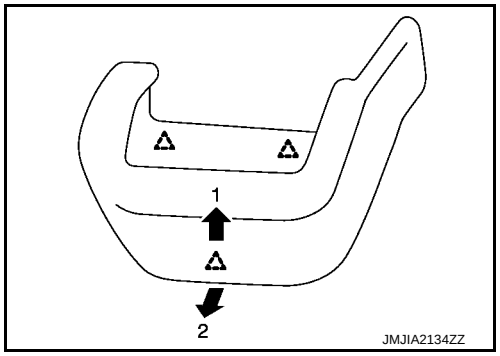
a. Front outer slide cover

: Pawl



b. Front inner slide cover

: Pawl



6. Remove the mounting bolts from the front seat front side.

7. Set the seatback vertically.
8. Lift up the seat cushion front side, and disconnect the harness connector under the seat cushion and remove the harness clamp.
9. Remove the front seat from the vehicle.
   CAUTION:
   - **Use shop cloths to protect parts from damage during removal and installation.**
   - **Two people must perform removal and installation of the seat assembly to prevent damage or to keep from dropping it.**

INSTALLATION

Install in the reverse order of removal.

CAUTION:
- **Always fix the harness clamp in the normal position.**
- **Be careful that only driver seat rear inner mounting bolt is different from others among the front seat mounting bolts.**
- **Before installation, always check that seat slides are locked in the rearmost position.**
- **After installation, always sit on the seat, operate seat slide function, and check that the seat slides normally.**
- **Loosen outer bolts if seat slides are half locked. Adjust and check that both seat slides are locked. Tighten outer bolts.**

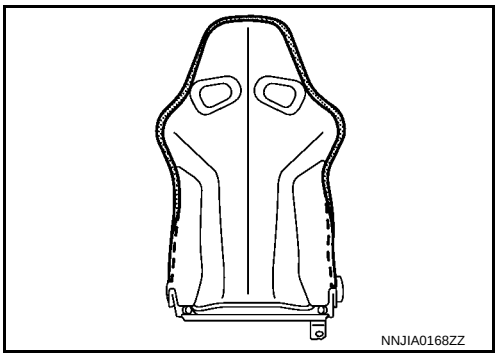
Disassembly and Assembly

INFOID:0000000005388645

CAUTION:
- **Never apply any chemical products like wax, coating agent, and compound for Spec V carbon parts. They are produced by composite manufacturing methods similar to a racing vehicle and special paint is adopted to enhance the look and feel of materials. (Otherwise, water may penetrate to carbon layers and may cause corrosion.)**
- **Never place any carbon parts directly on the ground. Always protect them using a soft sheet during removal, installation, and replacement operations.**

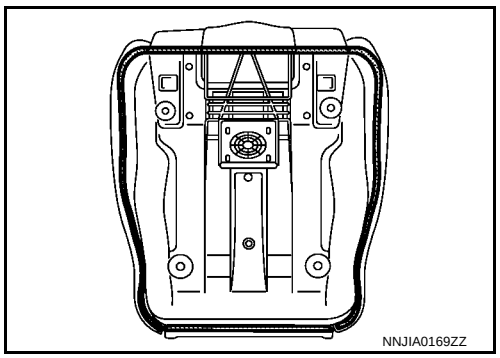
DISASSEMBLY

1. Remove the seatback trim and seatback pad.
   - Remove the mounting bolts, and then remove seatback ornament.
   - Remove the seatback seal.
   - Remove the retainer, and then remove seatback trim and seatback pad.

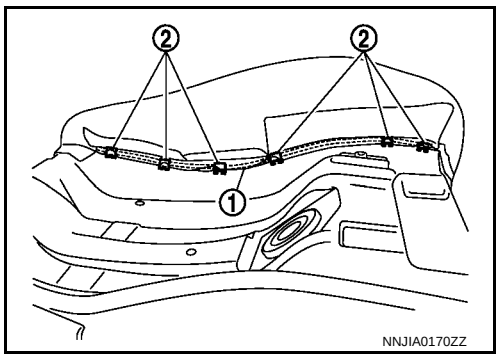


   - Remove the hog rings to separate the seatback trim and seatback pad.
2. Remove the side cover.
   - Pull out the reclining knob.
   - Remove the mounting screws, and then outer side cover.
   - Remove the mounting screws, and then inner side cover.
3. Remove the mounting bolts, and then seatback shell.
4. Remove the seat belt buckle. Refer to SB-8, "SEAT BELT BUCKLE : Removal and Installation".
5. Remove the seat cushion trim and seat cushion pad.
   - Remove the mounting bolts, and then seat cushion assembly.

- Remove the retainer, and then seat cushion trim and pad.



- Remove the wire (1) from metal clip (2).



- Remove the seat cushion trim (outer/inner) and seat cushion pad (outer/inner).

6. Remove the reclining device cover.
   - Remove the mounting screws, and then remove reclining device outer cover.
   - Remove the mounting screws, and then remove reclining device inner cover.
7. Remove the mounting bolts, and then remove seatback side frame.

ASSEMBLY

Assemble in the reverse order of disassembly.

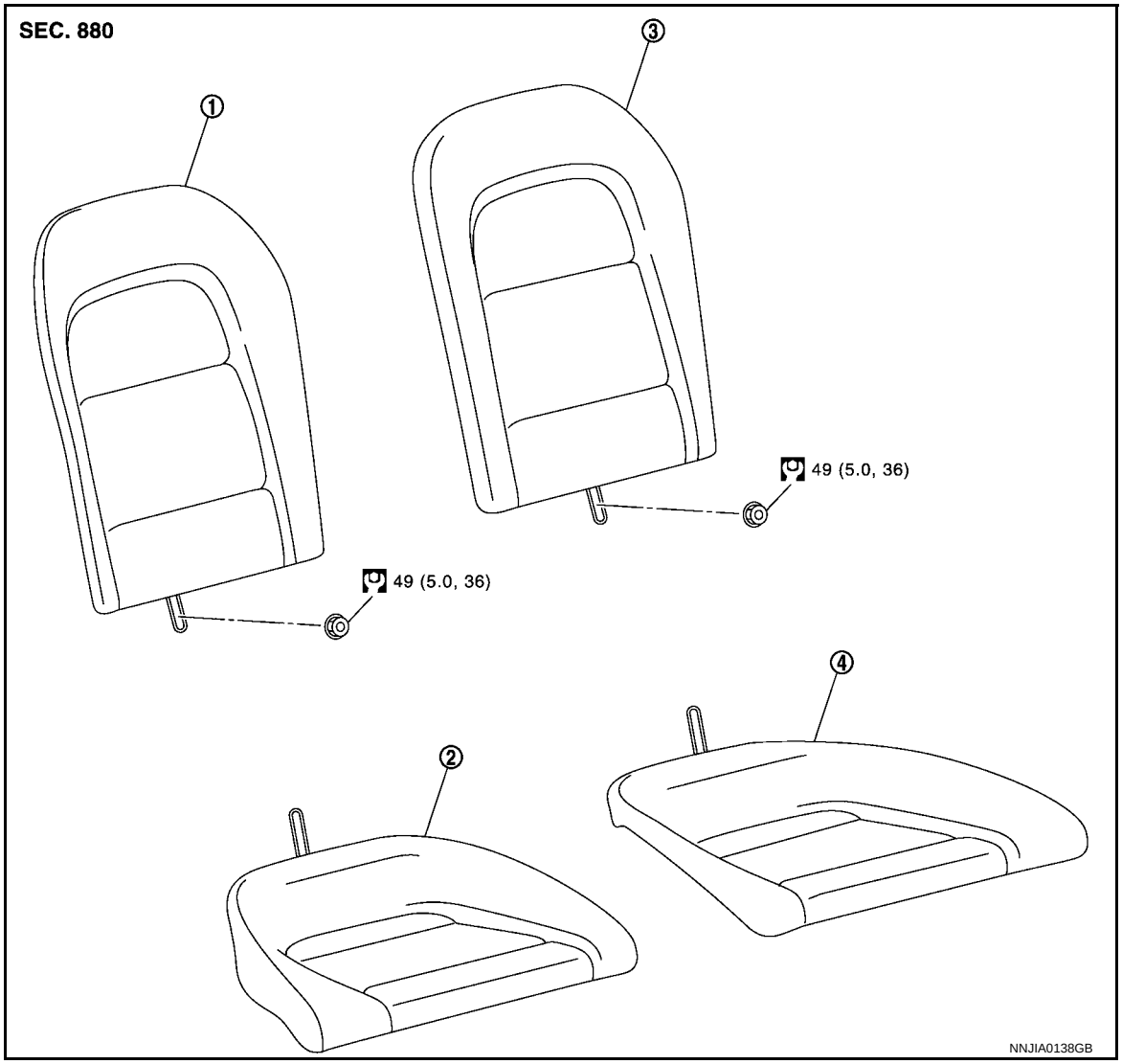
CAUTION:

Install the hog rings of seatback trim in position, and then securely connect the trim or trim cord with the pad side wire.

REAR SEAT

Exploded View

INFOID:0000000004646383



1. Seatback (RH)
2. Seat cushion (RH)
3. Seatback (LH)
4. Seat cushion (LH)

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000004646384

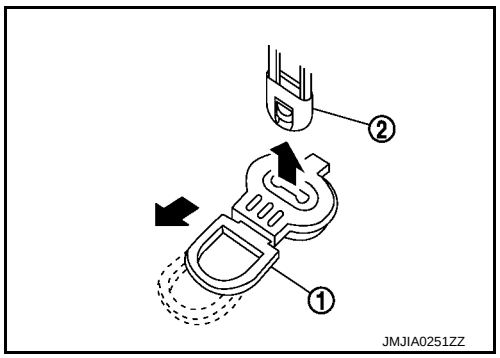
REMOVAL

CAUTION:

Use shop cloths to protect parts from damage during removal and installation.

1. Remove the seat cushion.

- Lift up the seat cushion lower side, disengage the joint by pulling the ring (1) of the cushion hook on the front bottom, and then lift up the seat cushion (2) to remove the seat cushion.
- Remove the seat cushion from the vehicle.



2. Remove the seatback.
   - Remove the seatback lower mounting nut.
   - Remove the seatback from the vehicle.

INSTALLATION

Install in the reverse order of removal.

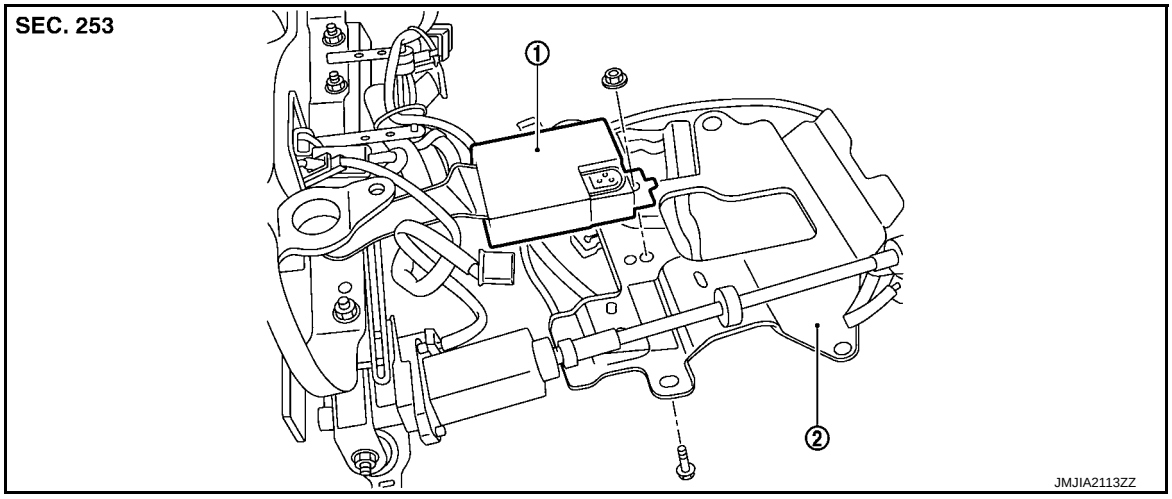
CAUTION:

Use shop cloths to protect parts from damage during removal and installation.

HEATED SEAT CONTROL UNIT

Exploded View

INFOID:0000000004646385



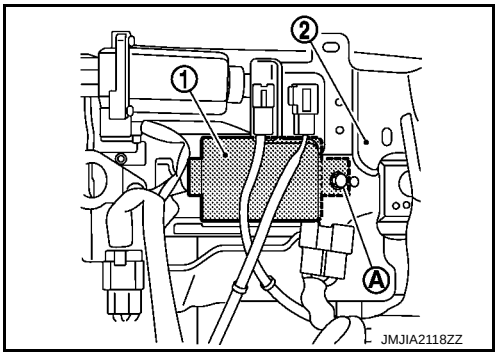
1. Heated seat control unit
2. Seat cushion frame

Removal and Installation

INFOID:0000000004646386

REMOVAL

1. Remove the passenger seat. Refer to SE-68, "Removal and Installation".
2. Remove the seat cushion trim and the seat cushion pad. Refer to SE-69, "Disassembly and Assembly".
3. Disconnect the heated seat control unit connector.
4. Remove the heated seat control unit mounting bolt (A) and nut.
5. Remove the heated seat control unit (1) from the seat cushion frame (2).



INSTALLATION

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

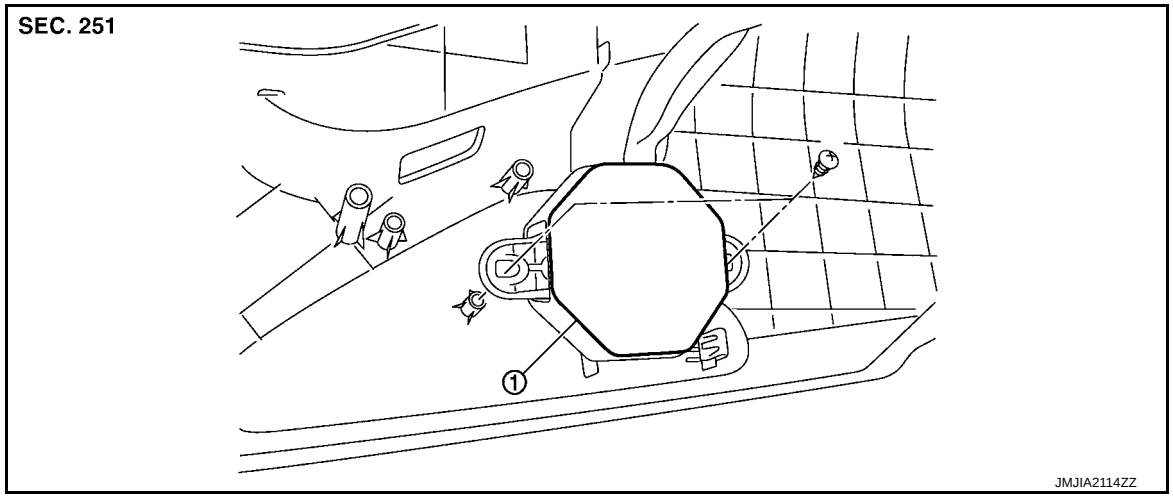
CAUTION:

- **When performing the work, use shop cloths to protect the parts from damage.**
- **Always fix the harness clamp in the normal position.**

POWER SEAT SWITCH

Exploded View

INFOID:0000000004646387



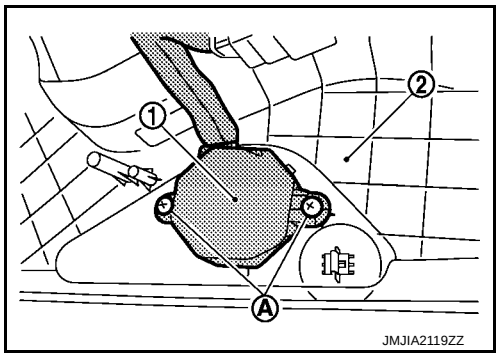
1. Power seat switch

Removal and Installation

INFOID:0000000004646388

REMOVAL

1. Remove the front seat. Refer toSE-68, "Removal and Installation".
2. Remove the seat cushion outer finisher (2). Referto SE-69, "Disassembly and Assembly".
3. Remove the power seat switch knob.
4. Remove the screws (A).
5. Remove the power seat switch (1) from the seat cushion outer finisher.



INSTALLATION

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

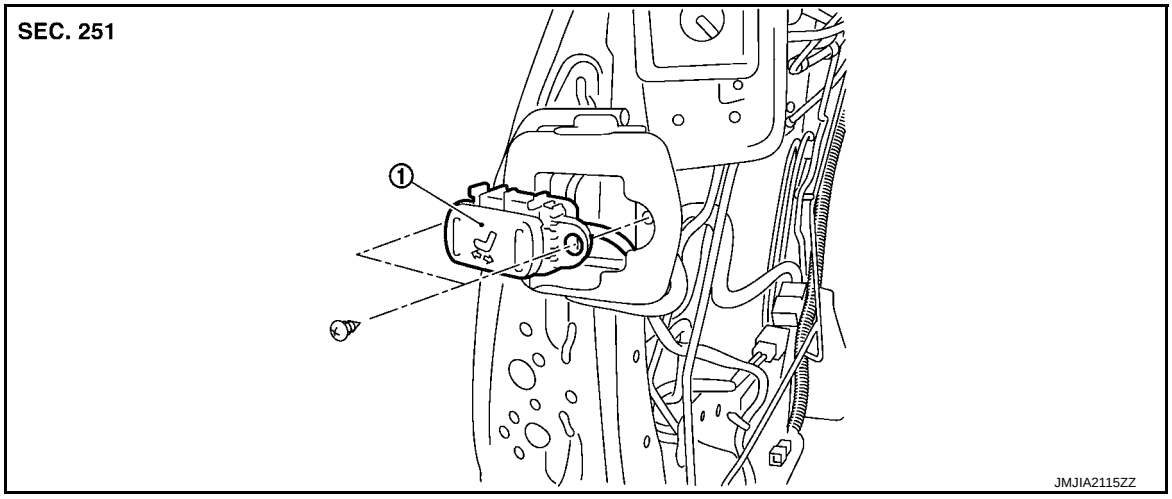
CAUTION:

- **When performing the work, use shop cloths to protect the parts from damage.**
- **Always fix the harness clamp in the normal position.**

SLIDING SWITCH

Exploded View

INFOID:0000000004646389



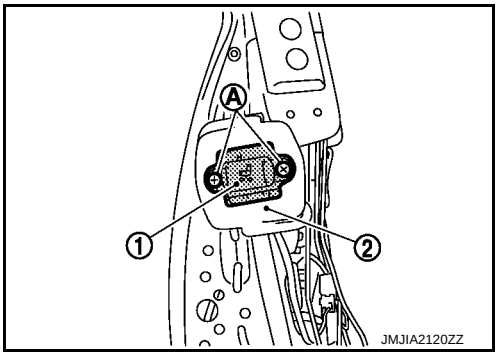
1. Sliding switch

Removal and Installation

INFOID:0000000004646390

REMOVAL

1. Remove the front seat. Refer to SE-68, "Removal and Installation".
2. Remove the sliding switch escutcheon.
3. Remove the seat back trim and the seatback pad. Refer to SE-69, "Disassembly and Assembly".
4. Disconnect the sliding switch connector.
5. Remove the screws (A).
6. Remove the sliding switch (1) from the seat back frame (2).



INSTALLATION

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

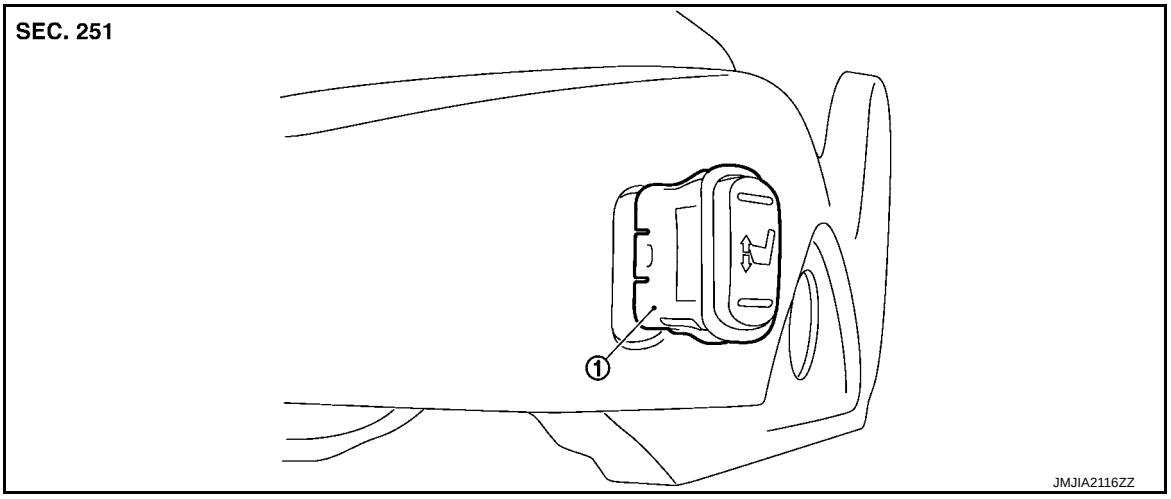
CAUTION:

- **When performing the work, use shop cloths to protect the parts from damage.**
- **Always fix the harness clamp in the normal position.**

THIGH SUPPORT SWITCH

Exploded View

INFOID:0000000004646391



1. Thigh support switch

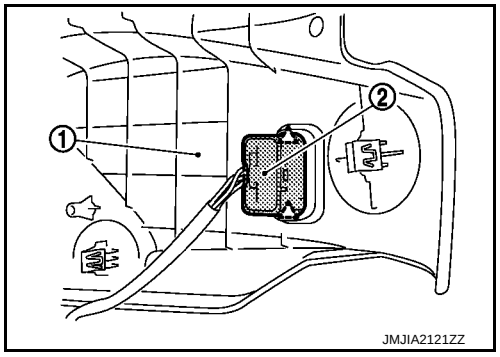
Removal and Installation

INFOID:0000000004646392

REMOVAL

1. Remove the front seat. Refer to SE-68, "Removal and Installation".
2. Disconnect the thigh support switch connector.
3. Remove the seat cushion outer finisher (1). Refer to SE-69, "Disassembly and Assembly".
4. Remove the thigh support switch (2) from the seat cushion outer finisher (1) while pressing the pawls.

: Pawl



INSTALLATION

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

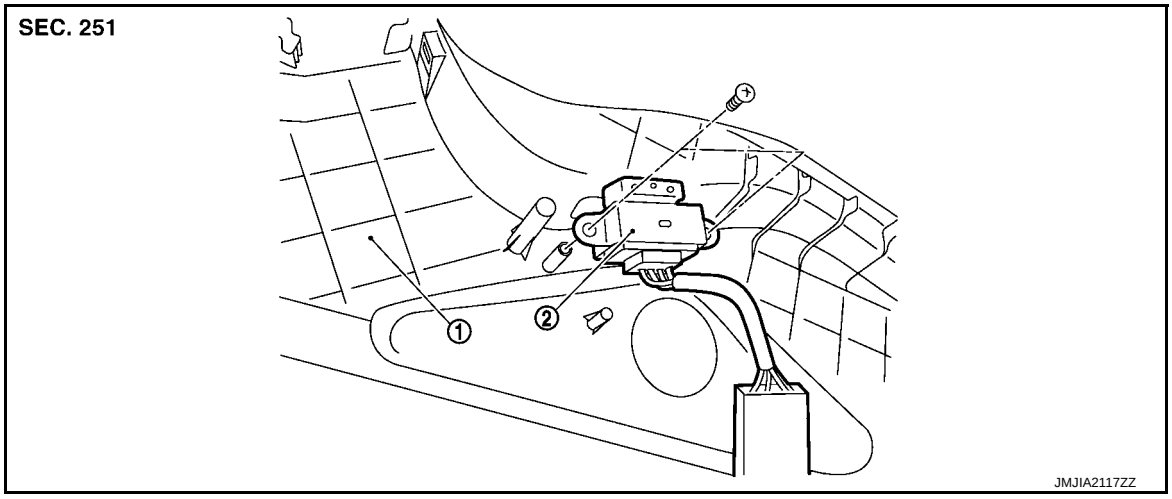
CAUTION:

- **When performing the work, use shop cloths to protect the parts from damage.**
- **Always fix the harness clamp in the normal position.**

HEATED SEAT SWITCH

Exploded View

INFOID:0000000004646393



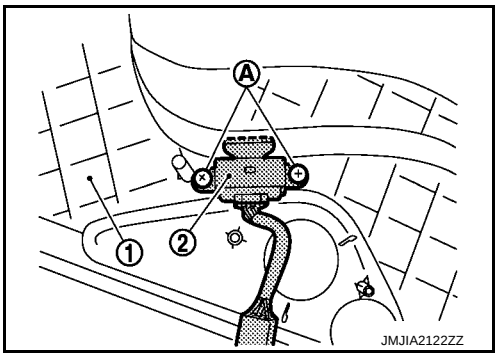
1. Seat cushion outer finisher
2. Heated seat switch

Removal and Installation

INFOID:0000000004646394

REMOVAL

1. Remove the front seat. Refer to SE-68, "Removal and Installation".
2. Remove the seat cushion outer finisher (1). Refer to SE-69, "Disassembly and Assembly".
3. Remove the screws (A).
4. Remove the heater seat switch (2) from the seat cushion outer finisher.



INSTALLATION

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

CAUTION:

- **When performing the work, use shop cloths to protect the parts from damage.**
- **Always fix the harness clamp in the normal position.**