

SECTION MIR

MIRRORS

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WITH ADP

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< BASIC INSPECTION >

BASIC INSPECTION

DIAGNOSIS AND REPAIR WORKFLOW

Work Flow

INFOID:000000009065316

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. CHECK DTC

Perform self-diagnosis for automatic drive positioner (ADP) with CONSULT.

Is any DTC detected?

YES >> Refer to [ADP-143, "DTC Index"](#).

NO >> GO TO 3.

3. 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 4.

4. IDENTIFY THE MALFUNCTIONING SYSTEM WITH "SYMPTOM DIAGNOSIS"

Use "Symptom diagnosis" from the symptom inspection result in step 3. Then identify where to start performing the diagnosis based on possible causes and symptoms.

>> GO TO 5.

5. IDENTIFY MALFUNCTIONING PARTS WITH "COMPONENT DIAGNOSIS"

Perform the diagnosis with "Component diagnosis" of the applicable system.

>> GO TO 6.

6. REPAIR OR REPLACE THE MALFUNCTIONING PARTS

Repair or replace the specified malfunctioning parts.

>> GO TO 7.

7. FINAL CHECK

Check that malfunctions are not reproduced when obtaining the malfunction information from the customer, referring to the symptom inspection result in step 3.

Are all malfunctions corrected?

YES >> INSPECTION END

NO >> GO TO 4.

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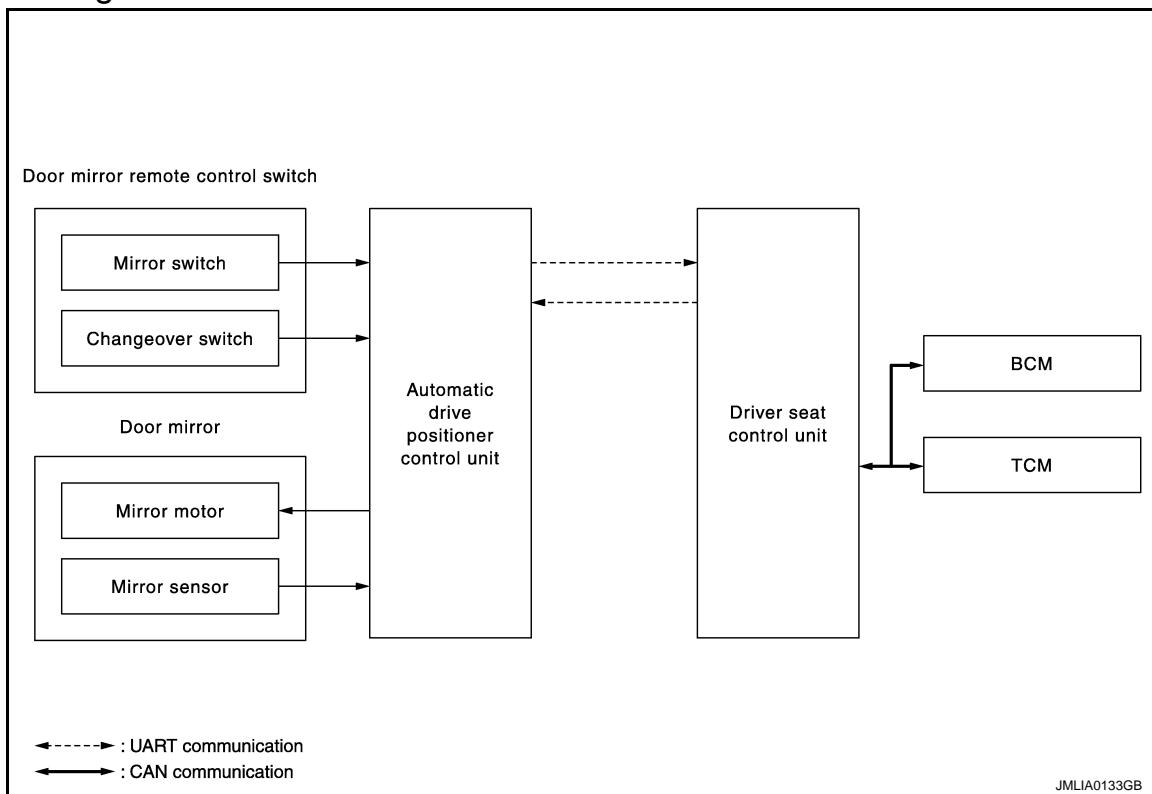
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SYSTEM DESCRIPTION

DOOR MIRROR SYSTEM

System Diagram

INFOID:0000000009065317



System Description

INFOID:0000000009065318

MANUAL FUNCTION

Description

- Automatic drive positioner control unit controls door mirror.
- Automatic drive positioner control unit inputs changeover switch signal and perform the LH/RH control of door mirror motor supplying electric power when changeover switch is operated.
- Automatic drive positioner control unit inputs mirror switch signal and supplies electric power to door mirror.
- The ignition switch signal (ACC/ON) is transmitted from BCM to the driver seat control unit via CAN communication and from the driver seat control unit to the automatic drive positioner control unit via UART communication.

Operation Conditions

If the following conditions are not satisfied, operation is not performed.

- Ignition switch: ON or ACC
- Changeover switch: Select either left or right

REVERSE INTERLOCK DOOR MIRROR SYSTEM

Description

- Select one of the door mirror faces by change over switch, and then set the selected mirror face downward/inward.
- When the ignition switch is ON position and A/T shift selector is in R position, the TCM sends the R signal to the driver seat control unit. The R signal is transmitted to the automatic drive positioner control unit from the driver seat control unit via UART communication. When the R signal is detected, the automatic device positioner control unit activated the mirror motor.

Operation Conditions

If the following conditions are not satisfied, operation is not performed.

DOOR MIRROR SYSTEM

[WITH ADP]

< SYSTEM DESCRIPTION >

- Ignition switch: ON
- Changeover switch: Select either left or right
- A/T shift selector: R position

During the reverse interlock door mirror system, if all of the above conditions are not satisfied, mirror face returns to original angle.

Mirror Angle Memory Function

- During the reverse interlock door mirror operation, the mirror angle can be changed. After adjustment, the mirror face positions can be memorized (2 positions). For memory setting.
- Initial setting is downward 7°, inward 1° (both of left and right).
- When the driver's seat, outside mirror and steering column are not in the memorized position, the outside mirror will move with the initial tilt-down angle, if the reverse tilt-down position is stored. Linking Intelligent Key to a stored memory position.

Memory Procedure

1. Apply the parking brake.
2. Push the ignition switch to the ON position. (Do not start the engine.)
3. Push the memory switch 1 or 2 fully for at least 1 second to operate the automatic drive positioner.
4. Turn the door mirror control switch (changeover switch) to L (left).
5. Depress the brake pedal.
6. Move the A/T shift selector to R position (reverse).
7. Adjust the mirror to the desired viewing position for backing up by operating the door mirror control switch (mirror switch).
8. Push the SET switch and, within 5 seconds, push the memory switch 1 or 2 selected in step 3 fully for at least 1 second.
The indicator light for the pushed memory switch will come on and stay pushing the switch. After the indicator light goes off, the selected mirror position is stored in the selected memory (1 or 2).
9. Turn the door mirror control switch (changeover switch) to R (right).
Repeat the above procedure to adjust the right mirror position and store in the selected memory.

AUTOMATIC DRIVE POSITIONER SYSTEM LINKED OPERATION

Description

Door mirror control is included in automatic drive positioner system. Refer to automatic drive positioner system for more details.

Refer to [ADP-13. "AUTOMATIC DRIVE POSITIONER SYSTEM : System Description"](#).

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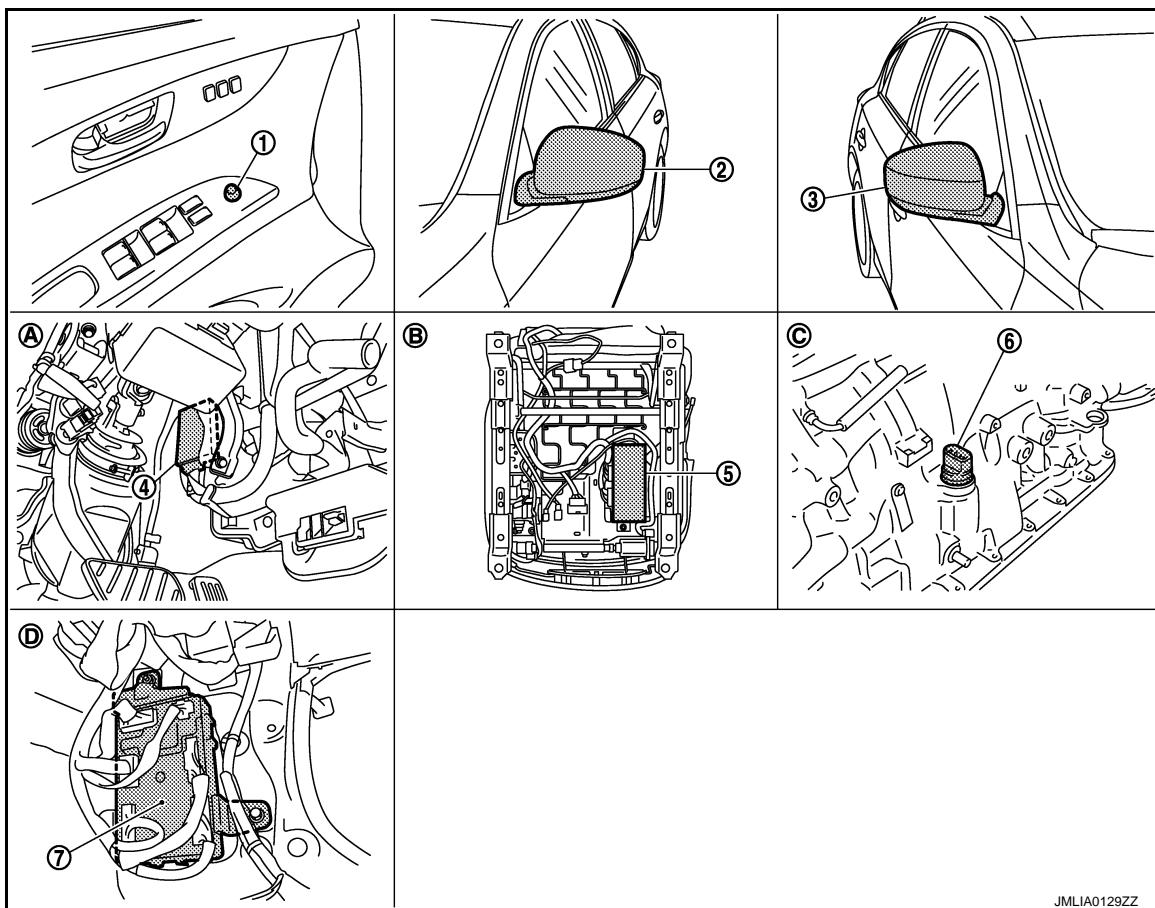
DOOR MIRROR SYSTEM

< SYSTEM DESCRIPTION >

[WITH ADP]

Component Parts Location

INFOID:0000000009065319



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- | | | |
|--|----------------------------------|--|
| 1. Door mirror remote control switch | 2. Door mirror (driver side) | 3. Door mirror (passenger side) |
| 4. Automatic drive positioner control unit | 5. Driver seat control unit | 6. AT assembly connector (TCM) |
| 7. BCM | | |
| A. View with instrument driver lower panel removed | B. Back side of the seat cushion | C. AT assembly (TCM is built in AT assembly) |
| D. Dash side lower (passenger side) | | |

Component Description

INFOID:0000000009065320

Component	Function	
Automatic drive positioner control unit	Door mirror is supplied with power after receiving the input of the MIRROR SWITCH and CHANGEOVER SWITCH.	
Door mirror remote control switch	Mirror switch	It transmits mirror face adjust operation to AUTOMATIC DRIVE POSITIONER CONTROL UNIT.
	Changeover switch	It transmits the LH/RH control of door mirror that supplies power to AUTOMATIC DRIVE POSITIONER CONTROL UNIT.
Door mirror	It makes mirror face operate from side to side and up and down via integrated motor.	
BCM	The ignition switch signal (ACC/ON) is transmitted to driver seat control unit via CAN communication.	

DOOR MIRROR SYSTEM

< SYSTEM DESCRIPTION >

[WITH ADP]

Component	Function
Driver seat control unit	The ignition switch signal (ACC/ON) is transmitted to automatic drive positioner control unit via UART communication.
TCM	The A/T shift position signal is transmitted to driver seat control unit via CAN communication.

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INSIDE MIRROR SYSTEM

< SYSTEM DESCRIPTION >

[WITH ADP]

INSIDE MIRROR SYSTEM

System Description

INFOID:0000000009065321

The sensor built in inside mirror detects the brightness of headlight of the vehicle behind and automatically changes the light transmission to decrease the brightness.

Component Description

INFOID:0000000009065322

Component	Function
Auto anti-dazzling inside mirror	It automatically changes the light transmittance according to the brightness of the light from the headlight of the vehicle behind.

DIAGNOSIS SYSTEM (DRIVER SEAT C/U)

[WITH ADP]

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (DRIVER SEAT C/U)

Diagnosis Description

INFOID:0000000009359750

The auto drive positioner system can be checked and diagnosed for component operation with CONSULT.

DIAGNOSTIC MODE

Diagnostic mode [AUTO DRIVE POS.]	Description
WORK SUPPORT	Changes the setting of each function.
SELF-DIAG RESULTS	Performs self-diagnosis for the auto drive positioner system and displays the results.
DATA MONITOR	Displays input signals transmitted from various switches and sensors to driver seat control unit in real time.
CAN DIAG SUPPORT MNTR	The result of transmit/receive diagnosis of CAN communication can be read.
ACTIVE TEST	Drive each output device.
ECU PART NUMBER	Displays part numbers of driver seat control unit parts.

CONSULT Function

INFOID:0000000009359751

SELF-DIAGNOSIS RESULTS

Refer to [ADP-143, "DTC Index"](#).

DATA MONITOR

NOTE:

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

Monitor Item	Unit	Main Signals	Selection From Menu	Contents
SET SW	"ON/OFF"	×	×	ON/OFF status judged from the setting switch signal.
MEMORY SW 1	"ON/OFF"	×	×	ON/OFF status judged from the seat memory switch 1 signal.
MEMORY SW 2	"ON/OFF"	×	×	ON/OFF status judged from the seat memory switch 2 signal.
SLIDE SW-FR	"ON/OFF"	×	×	ON/OFF status judged from the sliding switch (forward) signal.
SLIDE SW-RR	"ON/OFF"	×	×	ON/OFF status judged from the sliding switch (backward) signal.
RECLN SW-FR	"ON/OFF"	×	×	ON/OFF status judged from the reclining switch (forward) signal.
RECLN SW-RR	"ON/OFF"	×	×	ON/OFF status judged from the reclining switch (backward) signal.
LIFT FR SW-UP	"ON/OFF"	×	×	ON/OFF status judged from the lifting switch front (up) signal.
LIFT FR SW-DN	"ON/OFF"	×	×	ON/OFF status judged from the lifting switch front (down) signal.
LIFT RR SW-UP	"ON/OFF"	×	×	ON/OFF status judged from the lifting switch rear (up) signal.
LIFT RR SW-DN	"ON/OFF"	×	×	ON/OFF status judged from the lifting switch rear (down) signal.
MIR CON SW-UP	"ON/OFF"	×	×	ON/OFF status judged from the mirror switch (up) signal.
MIR CON SW-DN	"ON/OFF"	×	×	ON/OFF status judged from the mirror switch (down) signal.

DIAGNOSIS SYSTEM (DRIVER SEAT C/U)

< SYSTEM DESCRIPTION >

[WITH ADP]

Monitor Item	Unit	Main Signals	Selection From Menu	Contents
MIR CON SW-RH	"ON/OFF"	×	×	ON/OFF status judged from the door mirror remote control switch (passenger side) signal.
MIR CON SW-LH	"ON/OFF"	×	×	ON/OFF status judged from the door mirror remote control switch (driver side) signal.
MIR CHNG SW-R	"ON/OFF"	×	×	ON/OFF status judged from the door mirror remote control switch (switching to right) signal.
MIR CHNG SW-L	"ON/OFF"	×	×	ON/OFF status judged from the door mirror remote control switch (switching to left) signal.
TILT SW-UP	"ON/OFF"	×	×	ON/OFF status judged from the tilt switch (up) signal.
TILT SW-DOWN	"ON/OFF"	×	×	ON/OFF status judged from the tilt switch (down) signal.
TELESCO SW-FR	"ON/OFF"	×	×	ON/OFF status judged from the telescoping switch (forward) signal.
TELESCO SW-RR	"ON/OFF"	×	×	ON/OFF status judged from the telescoping switch (backward) signal.
DETENT SW	"ON/OFF"	×	×	The selector lever position "OFF (P position) / ON (other than P position)" judged from the detention switch signal.
STARTER SW	"ON/OFF"	×	×	Ignition key switch ON (START, ON) /OFF (ACC, OFF) status judged from the ignition switch signal.
SLIDE PULSE	—	—	×	Value (32768) when battery connections are standard. If it moves backward, the value increases. If it moves forward, the value decreases.
RECLN PULSE	—	—	×	Value (32768) when battery connections are standard. If it moves backward, the value increases. If it moves forward, the value decreases.
LIFT FR PULSE	—	—	×	Value (32768) when battery connections are standard. If it moves DOWN, the value increases. If it moves UP, the value decreases.
LIFT RR PULSE	—	—	×	Value (32768) when battery connections are standard. If it moves DOWN, the value increases. If it moves UP, the value decreases.
MIR/SEN RH U-D	"V"	—	×	Voltage input from door mirror sensor (passenger side) up/down is displayed.
MIR/SEN RH R-L	"V"	—	×	Voltage input from door mirror sensor (passenger side) left/right is displayed.
MIR/SEN LH U-D	"V"	—	×	Voltage input from door mirror sensor (driver side) up/down is displayed.
MIR/SEN LH R-L	"V"	—	×	Voltage input from door mirror sensor (driver side) left/right is displayed.
TILT SEN	"V"	—	×	Voltage input from tilt sensor is displayed.
TELESCO SEN	"V"	—	×	Voltage input from telescopic sensor is displayed.

ACTIVE TEST

CAUTION:

When driving vehicle, do not perform active test.

Test item	Description
SEAT SLIDE	Activates/deactivates the sliding motor.
SEAT RECLINING	Activates/deactivates the reclining motor.
SEAT LIFTER FR	Activates/deactivates the lifting motor (front).
SEAT LIFTER RR	Activates/deactivates the lifting motor (rear).
TILT MOTOR	Activates/deactivates the tilt motor.

DIAGNOSIS SYSTEM (DRIVER SEAT C/U)

< SYSTEM DESCRIPTION >

[WITH ADP]

Test item	Description
TELESCO MOTOR	Activates/deactivates the telescopic motor.
MIRROR MOTOR RH	Activates/deactivates the mirror motor (passenger side).
MIRROR MOTOR LH	Activates/deactivates the mirror motor (driver side).
MEMORY SW INDCTR	Turns ON/OFF the memory indicator.

WORK SUPPORT

Work item	Content	Item
SEAT SLIDE VOLUME SET	The amount of seat sliding for entry/exit assist can be selected from 3 items.	40 mm
		80 mm
		150 mm
EXIT TILT SETTING	Entry/exit assist (steering column) can be selected: ON (operated) – OFF (not operated)	ON
		OFF
EXIT SEAT SLIDE SETTING	Entry/exit assist (seat) can be selected: ON (operated) – OFF (not operated)	ON
		OFF

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DOOR MIRROR REMOTE CONTROL SWITCH

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]

DTC/CIRCUIT DIAGNOSIS

DOOR MIRROR REMOTE CONTROL SWITCH MIRROR SWITCH

MIRROR SWITCH : Description

INFOID:0000000009065325

It operates angle of the door mirror face.

It transmits mirror face adjust operation to AUTOMATIC DRIVE POSITIONER CONTROL UNIT.

MIRROR SWITCH : Component Function Check

INFOID:0000000009065326

1. CHECK MIRROR SWITCH FUNCTION

Check the operation on "MIR CON SW-UP/DN" and "MIR CON SW-RH/LH" in "DATA MONITOR" mode with CONSULT.

Monitor item	Condition
MIR CON SW-UP/DN	When operating the mirror switch toward the up or down side. : ON
	Other than above. : OFF
MIR CON SW-RH/LH	When operating the mirror switch toward the right or left side. : ON
	Other than above. : OFF

Is the inspection result normal?

YES >> Mirror switch function is OK.

NO >> Refer to [MIR-12, "MIRROR SWITCH : Diagnosis Procedure".](#)

MIRROR SWITCH : Diagnosis Procedure

INFOID:0000000009065327

1. CHECK MIRROR SWITCH INPUT SIGNAL

1. Turn ignition switch OFF.
2. Disconnect door mirror remote control switch connector.
3. Turn ignition switch ON.
4. Check voltage between door mirror remote control switch harness connector and ground.

(+)	(-)	Voltage (V) (Approx.)	
Door mirror remote control switch			
Connector	Terminal		
D17	4	Ground	5
	12		
	13		
	15		

Is the inspection result normal?

YES >> GO TO 3.

NO >> GO TO 2.

2. CHECK MIRROR SWITCH CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect automatic drive positioner control unit connector.
3. Check continuity between automatic drive positioner control unit harness connector and door mirror remote control switch harness connector.

DOOR MIRROR REMOTE CONTROL SWITCH

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]

Automatic drive positioner control unit		Door mirror remote control switch		Continuity
Connector	Terminal	Connector	Terminal	
M51	3	D17	15	Existed
	4		13	
	19		12	
	20		4	

4. Check continuity between automatic drive positioner control unit harness connector and ground.

Automatic drive positioner control unit		Ground	Continuity
Connector	Terminal		
M51	3		Not existed
	4		
	19		
	20		

Is the inspection result normal?

- YES >> Replace automatic drive positioner control unit. Refer to [ADP-222, "Removal and Installation"](#).
NO >> Repair or replace harness.

3.CHECK DOOR MIRROR REMOTE CONTROL SWITCH GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between door mirror remote control switch harness connector and ground.

Door mirror remote control switch		Ground	Continuity
Connector	Terminal		
D17	7		Existed

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Repair or replace harness.

4.CHECK MIRROR SWITCH

Check door mirror remote control switch (mirror switch).

Refer to [MIR-13, "MIRROR SWITCH : Component Inspection"](#).

Is the inspection result normal?

- YES >> GO TO 5.
NO >> Replace door mirror remote control switch (mirror switch). Refer to [MIR-123, "Removal and Installation"](#).

5.CHECK INTERMITTENT INCIDENT

Check intermittent incident.

Refer to [GI-42, "Intermittent Incident"](#).

>> INSPECTION END

MIRROR SWITCH : Component Inspection

INFOID:0000000009065328

1.CHECK MIRROR SWITCH

1. Turn ignition switch OFF.
2. Disconnect door mirror remote control switch connector.
3. Check continuity between door mirror remote control switch terminals.

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DOOR MIRROR REMOTE CONTROL SWITCH

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]

Door mirror remote control switch		Condition		Continuity
Connector	Terminal			
D17	4	7	Mirror switch	RIGHT
	13			Other than above
	15			LEFT
	12			Other than above
				UP
				Other than above
				DOWN
				Other than above

Is the inspection result normal?

YES >> INSPECTION END

NO >> Replace door mirror remote control switch. Refer to [MIR-123, "Removal and Installation"](#).

CHANGEOVER SWITCH

CHANGEOVER SWITCH : Description

INFOID:0000000009065329

Changover switch is integrated into door mirror remote control switch.

Changover switch has three positions (L, N and R).

It changes door mirror motor operation by transmitting control signal to automatic drive positioner control unit.

CHANGEOVER SWITCH : Component Function Check

INFOID:0000000009065330

1.CHECK CHANGEOVER SWITCH FUNCTION

Check the operation on "MIR CHNG SW-R" or "MIR CHNG SW-L" in "DATA MONITOR" mode with CONSULT.

Monitor item	Condition
MIR CHNG SW-R/L	When operating the changeover toward the right or left side. : ON
	Other than above. : OFF

Is the inspection result normal?

YES >> Changover switch function is OK.

NO >> Refer to [MIR-14, "CHANGEOVER SWITCH : Diagnosis Procedure"](#).

CHANGEOVER SWITCH : Diagnosis Procedure

INFOID:0000000009065331

1.CHECK CHANGEOVER SWITCH INPUT SIGNAL

- Turn ignition switch OFF.
- Disconnect door mirror remote control switch connector.
- Turn ignition switch ON.
- Check voltage between door mirror remote control switch harness connector and ground.

(+)		(-)	Voltage (V) (Approx.)
Door mirror remote control switch			
Connector	Terminal		
D17	10	Ground	5
	11		

Is the inspection result normal?

YES >> GO TO 3.

NO >> GO TO 2.

2.CHECK CHANGEOVER SWITCH CIRCUIT

DOOR MIRROR REMOTE CONTROL SWITCH

[WITH ADP]

< DTC/CIRCUIT DIAGNOSIS >

1. Turn ignition switch OFF.
2. Disconnect automatic drive positioner control unit connector.
3. Check continuity between automatic drive positioner control unit harness connector and door mirror remote control switch harness connector.

Automatic drive positioner control unit		Door mirror remote control switch		Continuity
Connector	Terminal	Connector	Terminal	
M51	2	D17	11	Existed
	18		10	

4. Check continuity between automatic drive positioner control unit harness connector and ground.

Automatic drive positioner control unit		Ground	Continuity
Connector	Terminal		
M51	2		Existed
	18		

Is the inspection result normal?

- YES >> Replace automatic drive positioner control unit. Refer to [ADP-222, "Removal and Installation"](#).
NO >> Repair or replace harness.

3.CHECK DOOR MIRROR REMOTE CONTROL SWITCH GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between door mirror remote control switch harness connector and ground.

Door mirror remote control switch		Ground	Continuity
Connector	Terminal		
D17	7		Existed

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Repair or replace harness.

4.CHECK CHANGEOVER SWITCH

Check door mirror remote control switch (changeover switch).

Refer to [MIR-15, "CHANGEOVER SWITCH : Component Inspection"](#).

Is the inspection result normal?

- YES >> GO TO 5.
NO >> Replace door mirror remote control switch (changeover switch). Refer to [MIR-123, "Removal and Installation"](#).

5.CHECK INTERMITTENT INCIDENT

Check intermittent incident.

Refer to [GI-42, "Intermittent Incident"](#).

>> INSPECTION END

CHANGEOVER SWITCH : Component Inspection

INFOID:0000000009065332

1.CHECK CHANGEOVER SWITCH

1. Turn ignition switch OFF.
2. Disconnect door mirror remote control switch connector.
3. Check continuity between door mirror remote control switch terminals.

DOOR MIRROR REMOTE CONTROL SWITCH

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]

Door mirror remote control switch			Condition		Continuity	
Connector	Terminal		Changeover switch	LEFT	Existed	
D17	10	7		Other than above	Not existed	
	11			RIGHT	Existed	
Is the inspection result normal?				Other than above	Not existed	

YES >> INSPECTION END

NO >> Replace door mirror remote control switch. Refer to [MIR-123, "Removal and Installation"](#).

DOOR MIRROR SYSTEM

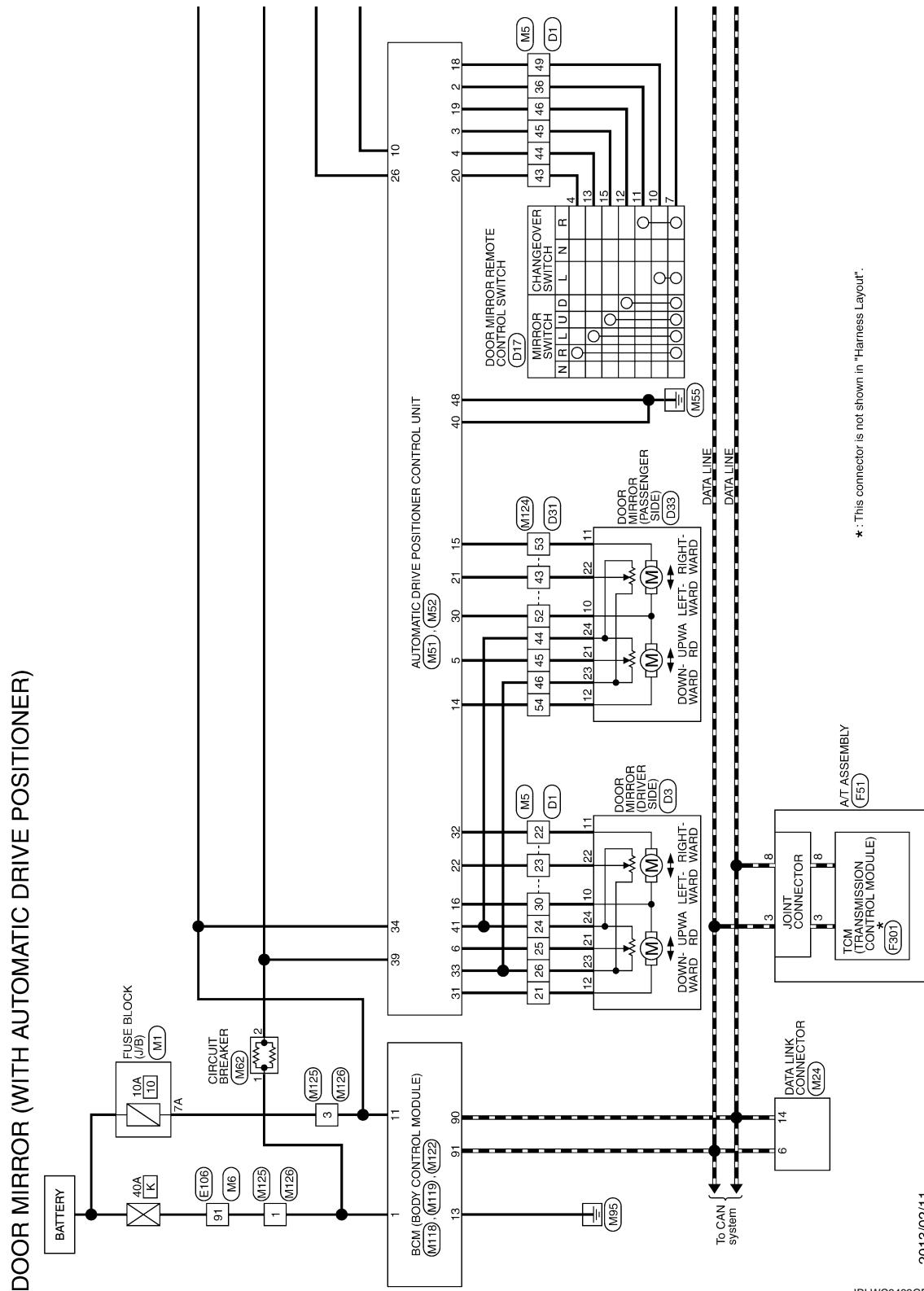
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DOOR MIRROR SYSTEM

Wiring Diagram - DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER) -

INFOID:000000009065333



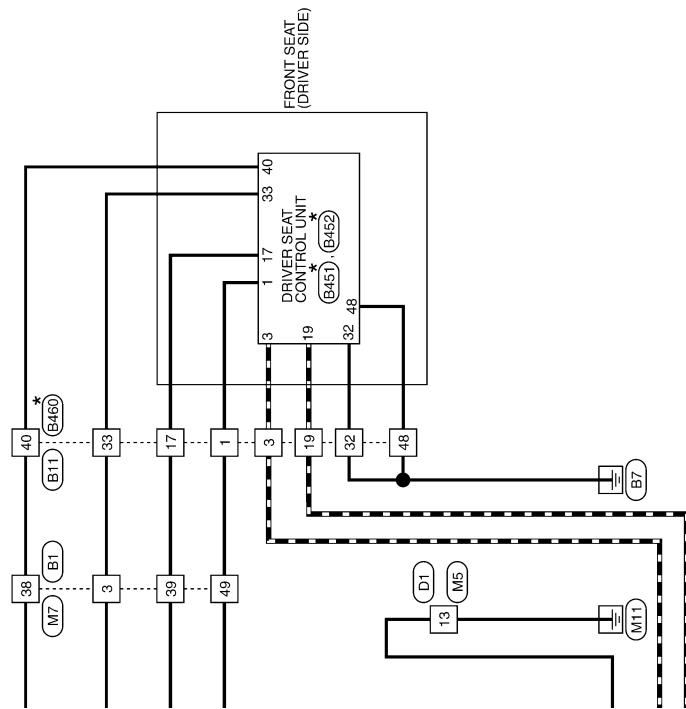
2013/02/11

JRLWC3463GB

DOOR MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]



JRLWC3464GB

DOOR MIRROR SYSTEM

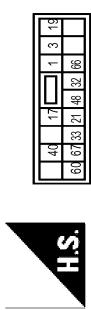
[WITH ADP]

< DTC/CIRCUIT DIAGNOSIS >

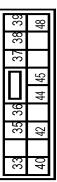
DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)

Terminal Color Of No.	Signal Name [Specification]	Wire No.	Color Of Signal Name [Specification]	Wire No.	Color Of Signal Name [Specification]
3	R	76	BR	1	G
5	G	77	R	3	L
6	SB	78	P	17	Y
7	V	79	GR	19	P
8	L	83	BG	21	V
12	SB	85	Y	32	B
13	LG	86	LG	33	R
14	GR	87	Y	40	BR
15	LG	88	R	48	B
17	W	89	B	60	G
18	SB	90	BG	66	GR
19	LG	91	C	67	Y
20	BR	92	BR		
21	SHIELD	93	G		
22	Y	94	SB		
24	P	95	G		
27	B	96	Y		
28	R	99	W		
29	W	99	GR		
30	SHIELD				
31	SHIELD				
32	W				
33	SB				
34	L				
35	P				
36	L				
37	P				
38	BR				
39	Y				
44	Y				
45	GR				
46	LG				
47	SB				
49	G				
50	V				

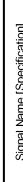
Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



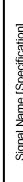
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Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



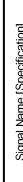
Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



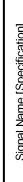
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Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



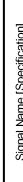
Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



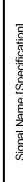
Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



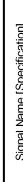
Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



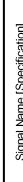
Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16P-LCS
SHIELD	-
60	P
61	L
62	SHIELD
63	R
64	G
65	SHIELD
66	W
67	V
68	SB
69	SHIELD
70	W
73	SB
74	L
75	W
76	BR
77	R
78	P
79	GR
83	BG
85	Y
86	LG
87	Y
88	R
89	B
90	BG
91	C
92	BR
93	G
94	SB
95	G
96	Y
99	W
99	GR



Connector No.	B11

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DOOR MIRROR SYSTEM

[WITH ADP]

< DTC/CIRCUIT DIAGNOSIS >

DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)

Connector No.	B460	Terminal Color Of Wire	O	Signal Name [Specification]	
Connector Name	WIRE TO WIRE	10	BR		
Connector Type	NS16MMCS	11	P		
		12	LG		
		13	B		
		14	Y		
		15	W		
		16	R		
		17	W		
		18	G		
		19	Y		
		20	W		
		21	O		
		22	P		
		23	BR		
		24	V		
		25	GR		
		26	Y		
		27	B		
		28	SHIELD		
		29	LG		
		30	G		
		31	W		
		32	G		
		33	L		
		34	SB		
		35	R		
		36	LG		
		37	R		
		38	P		
		39	O		
		40	BR		
		41	L		
		42	GR		
		43	BR	- (With automatic drive positioner)	
		43	O	- (Without automatic drive positioner)	
		44	GR	- (Without automatic drive positioner)	
		44	W	- (With automatic drive positioner)	
		45	G	- (Without automatic drive positioner)	
		46	G	- (With automatic drive positioner)	
		46	V	- (Without automatic drive positioner)	
		49	GR		
		50	B		
		52	R		
		53	SB		
		54	O		
		55	Y		
		9	R		

Connector No.	D3	Terminal Color Of Wire	GR	Signal Name [Specification]	
Connector Name	DOOR MIRROR (DRIVER SIDE)	10	LG		
Connector Type	TH24MW-NH	11	G		
		12	W		
		13	Y		
		15	-		

Terminal Color Of Wire	Signal Name [Specification]	Terminal Color Of Wire	Signal Name [Specification]
No.		No.	
1	LW	2	O
3	RY	3	B
17	YR	5	Y
19	V	6	R
21	LY	7	W
32	BW	10	G
33	R	11	P
40	RW	12	O
48	B	14	LG
60	YR	17	G
66	B	18	W
67	L	19	B
		21	GR
		22	BR
		23	Y
		24	V
		25	-

Connector No.	D17	Terminal Color Of Wire	Y	Signal Name [Specification]	
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH	20	B	- (With BOSE audio)	
Connector Type	TK16FBFR	20	R	- (Without BOSE audio)	
		21	BR		
		21	G	- (With BOSE audio)	
		22	V	- (Without BOSE audio)	
		23	P		
		24	W		
		25	SB		
		26	R		
		29	SHIELD		
		30	W		
		31	LG		
		32	BR		
		33	O		
		34	GR		
		35	G		
		36	Y		
		44	V		

Terminal Color Of Wire	Signal Name [Specification]	Terminal Color Of Wire	Signal Name [Specification]
No.		No.	
1	R	46	GR
2	B	49	-
3	V	50	B
4	W	52	R
5	L	53	SB
6	O	54	O
7	GR	55	Y
8	W	9	R

JRLWC3729GB

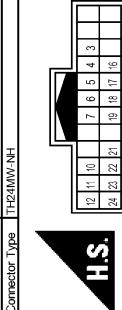
DOOR MIRROR SYSTEM

[WITH ADP]

< DTC/CIRCUIT DIAGNOSIS >

DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)

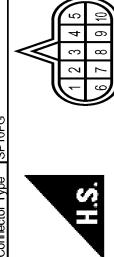
Connector No.	E106	P	-	-	-
Connector Name	WIRE TO WIRE				
Connector Type	T180(F)W/CS16-TM4				



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	W	-
3	B	-
4	GR	-
64	B	-
65	G	-
66	R	-
67	SHIELD	-
68	Y	-
69	LG	-



Terminal No.	Wire	Signal Name [Specification]
1	Y	IGNITION POWER SUPPLY
2	BR	BATTERY POWER SUPPLY
3	O	CAN-H
4	V	K-LINE
5	B	GND
6	Y	IGNITION POWER SUPPLY
7	R	BACK-OF-LAMP RELAY
8	LG	CAN-L
9	GR	STARTER RELAY
10	B	GND



Terminal No.	Color Of Wire	Signal Name [Specification]
1	-	IGNITION POWER SUPPLY
2	-	BATTERY POWER SUPPLY
3	-	CANH
4	-	K-LINE



DOOR MIRROR SYSTEM

[WITH ADP]

< DTC/CIRCUIT DIAGNOSIS >

DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)

Connector No.	Wire	Signal Name [Specification]
1	WIRE TO WIRE	-
2	WIRE TO WIRE	-
3	WIRE TO WIRE	-
4	WIRE TO WIRE	-
5	WIRE TO WIRE	-
6	WIRE TO WIRE	-
7	WIRE TO WIRE	-
8	WIRE TO WIRE	-
9	WIRE TO WIRE	-
10	WIRE TO WIRE	-
11	WIRE TO WIRE	-
12	WIRE TO WIRE	-
13	WIRE TO WIRE	-
14	WIRE TO WIRE	-
15	WIRE TO WIRE	-
16	WIRE TO WIRE	-
17	WIRE TO WIRE	-
18	WIRE TO WIRE	-
19	WIRE TO WIRE	-
20	WIRE TO WIRE	-
21	WIRE TO WIRE	-
22	WIRE TO WIRE	-
23	WIRE TO WIRE	-
24	WIRE TO WIRE	-
25	WIRE TO WIRE	-
26	WIRE TO WIRE	-
27	WIRE TO WIRE	-
28	WIRE TO WIRE	-
29	WIRE TO WIRE	-
30	WIRE TO WIRE	-
31	WIRE TO WIRE	-
32	WIRE TO WIRE	-
33	WIRE TO WIRE	-
34	WIRE TO WIRE	-
35	WIRE TO WIRE	-
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37	WIRE TO WIRE	-
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39	WIRE TO WIRE	-
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45	WIRE TO WIRE	-
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54	WIRE TO WIRE	-
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75	WIRE TO WIRE	-
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80	WIRE TO WIRE	-
81	WIRE TO WIRE	-
82	WIRE TO WIRE	-
83	WIRE TO WIRE	-
84	WIRE TO WIRE	-
85	WIRE TO WIRE	-
86	WIRE TO WIRE	-
87	WIRE TO WIRE	-
88	WIRE TO WIRE	-
89	WIRE TO WIRE	-
90	WIRE TO WIRE	-
91	WIRE TO WIRE	-
92	WIRE TO WIRE	-
93	WIRE TO WIRE	-
94	WIRE TO WIRE	-
95	WIRE TO WIRE	-
96	WIRE TO WIRE	-
97	WIRE TO WIRE	-

DOOR MIRROR SYSTEM

[WITH ADP]

< DTC/CIRCUIT DIAGNOSIS >

DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)

98	SHEILD	-	
99	V	-	
100	SB	-	
101			
102			

3	SB	-	[With automatic drive positioner]
3	W	-	- [Without automatic drive positioner]
5	G	-	
6	BG	-	
7	W	-	
8	B	-	
12	SB	-	
13	LG	-	
14	Y	-	
15	G	-	
17	W	-	
18	SB	-	
19	LG	-	
20	BR	-	
21	SHEILD	-	
22	Y	-	
24	V	-	
27	B	-	
28	W	-	
29	R	-	
31	L	-	
32	P	-	
33	SB	-	
34	L	-	
35	P	-	
36	L	-	
37	P	-	
38	BR	-	
39	Y	-	
44	L	-	



Terminal Color Of Wire
No. Signal Name [Specification]

Connector No. M7

Connector Name WIRE TO WIRE

Connector Type TH80MM-CS16-TM4

DOOR MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

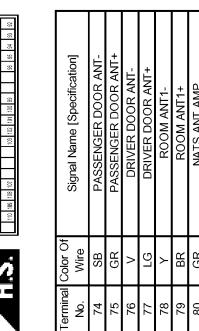
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DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)

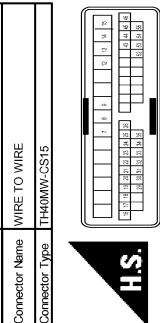
Connector No.	M119
Connector Name	BCM(BODY CONTROL MODULE)
Connector Type	NS16FW-CS



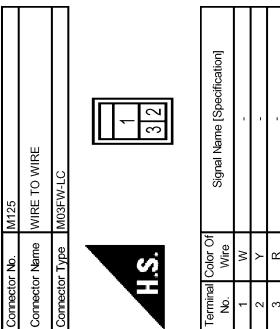
Terminal No.	Color Of Wire	Signal Name (Specification)
1	W	BAT (FL)
2	W	POWER WINDOW POWER SUPPLY(BAT)
3	Y	POWER WINDOW POWER SUPPLY(YRAP)



				NATS AND AMP
81	W	R		IGNITION KEY/CONT
82	R	Y		KEYLESS ENTRY RECEIVER COMM
83	Y			COMBI SW INPUT 5
87	BR	V		COMBI SW INPUT 3
88	V	P		CANHL
90	P			CANHL
91	L			KEY SLOTTED CONT
92	LG			ON/IND
93	Y			PUDDLE LAMP CONT
94	Y			ACC RELAY CONT
95	BG			AT SHIFT SELECTOR POWER SUPPLY
96				SHIFT P
99	R	G		PASSENGER DOOR REQUEST SW
100	G			DOOR DOOR REQUEST SW
101	SB			DENVER DOOR REQUEST SW
102	BG			BLOWER FAN/MOTOR RELAY CONTROL
103	LG			KEYLESS ENTRY RECEIVER POWER SUPPLY
107	LG			COMBI SW INPUT 1
108				COMBI SW INPUT 4
109	Y			COMBI SW INPUT 2
110	Y			HARSH SW



21	G	-	(With BOSE audio)	
21	L	-	(Without BOSE audio)	
22	SB	-		
23	GR	-		
24	G	-		
25	Y	-		
26	R	-		
29	SHIELD	-		
30	W	-		
31	LG	-		
32	G	-		
33	BR	-		
34	V	-		
35	G	-		
43	L	-		
44	Y	-		
45	R	-		
46	W	-		
52	R	-		
53	G	-		
54	W	-		
55	RG	-		



DOOR MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]

A

B

C

D

E

F

G

H

I

J

K

MIR

M

N

O

P

DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)

Connector No.	M126
Connector Name	WIRE TO WIRE
Connector Type	M03MW-LC



Terminal Color Or Wire No.	Signal Name [Specification]
1	W
2	Y
3	R

JRLWC3734GB

AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]

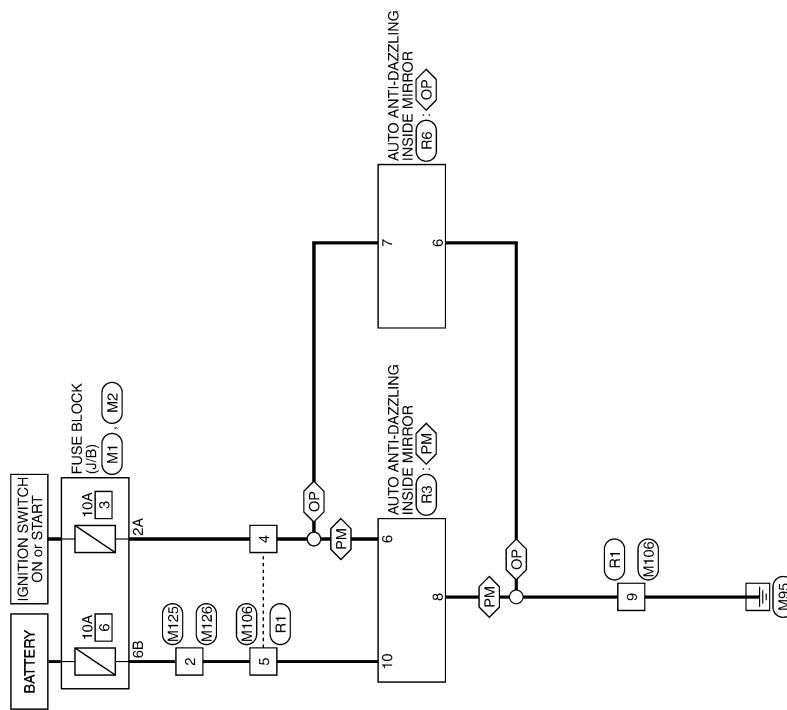
AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

Wiring Diagram - INSIDE MIRROR SYSTEM -

INFOID:0000000009065334

 : With automatic drive positioner
 : Without automatic drive positioner

INSIDE MIRROR



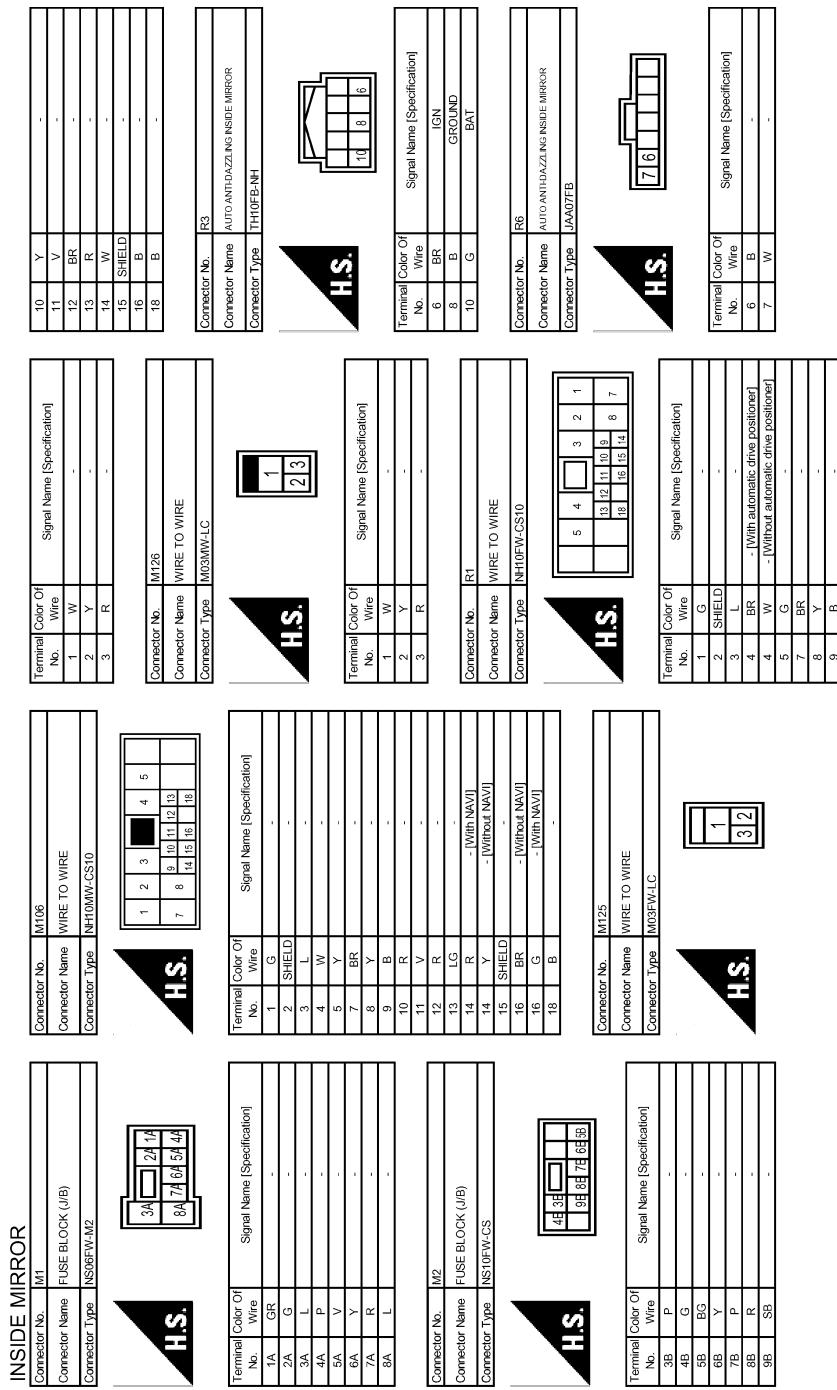
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JRLWC3465GB

AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

[WITH ADP]

< DTC/CIRCUIT DIAGNOSIS >



JRLWC3737GB

DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

ECU DIAGNOSIS INFORMATION DRIVER SEAT CONTROL UNIT

Reference Value

INFOID:000000009359469

VALUES ON THE DIAGNOSIS TOOL

NOTE:

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

CONSULT MONITOR ITEM

Monitor Item	Condition	Value/Status
SET SW	Set switch	Push
		Release
MEMORY SW1	Memory switch 1	Push
		Release
MEMORY SW2	Memory switch 2	Push
		Release
SLIDE SW-FR	Sliding switch (front)	Operate
		Release
SLIDE SW-RR	Sliding switch (rear)	Operate
		Release
RECLN SW-FR	Reclining switch (front)	Operate
		Release
RECLN SW-RR	Reclining switch (rear)	Operate
		Release
LIFT FR SW-UP	Lifting switch front (up)	Operate
		Release
LIFT FR SW-DN	Lifting switch front (down)	Operate
		Release
LIFT RR SW-UP	Lifting switch rear (up)	Operate
		Release
LIFT RR SW-DN	Lifting switch rear (down)	Operate
		Release
MIR CON SW-UP	Mirror switch	Up
		Other than above
MIR CON SW-DN	Mirror switch	Down
		Other than above
MIR CON SW-RH	Mirror switch	Right
		Other than above
MIR CON SW-LH	Mirror switch	Left
		Other than above
MIR CHNG SW-R	Changeover switch	Right
		Other than above
MIR CHNG SW-L	Changeover switch	Left
		Other than above

DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Monitor Item	Condition		Value/Status
TILT SW-UP	Tilt switch	Up	ON
		Other than above	OFF
TILT SW-DOWN	Tilt switch	Down	ON
		Other than above	OFF
TELESCO SW-FR	Telescopic switch	Forward	ON
		Other than above	OFF
TELESCO SW-RR	Tilt switch	Backward	ON
		Other than above	OFF
DETENT SW	AT selector lever	P position	OFF
		Other than above	ON
STARTER SW	Ignition position	Cranking	ON
		Other than above	OFF
SLIDE PULSE	Seat sliding	Forward	The numeral value decreases * ¹
		Backward	The numeral value increases * ¹
		Other than above	No change to numeral value * ¹
RECLN PULSE	Seat reclining	Forward	The numeral value decreases * ¹
		Backward	The numeral value increases * ¹
		Other than above	No change to numeral value * ¹
LIFT FR PULSE	Seat lifter (front)	Up	The numeral value decreases * ¹
		Down	The numeral value increases * ¹
		Other than above	No change to numeral value * ¹
LIFT RR PULSE	Seat lifter (rear)	Up	The numeral value decreases * ¹
		Down	The numeral value increases * ¹
		Other than above	No change to numeral value * ¹
MIR/SEN RH U-D	Door mirror (passenger side)		Change between 3.4 (close to peak) 0.6 (close to valley)
MIR/SEN RH R-L	Door mirror (passenger side)		Change between 3.4 (close to left edge) 0.6 (close to right edge)
MIR/SEN LH U-D	Door mirror (driver side)		Change between 3.4 (close to peak) 0.6 (close to valley)
MIR/SEN LH R-L	Door mirror (driver side)		Change between 0.6 (close to left edge) 3.4 (close to right edge)
TILT SEN	Tilt position		Change between 1.2 (close to top) 3.4 (close to bottom)
TELESCO SEN	Telescopic position		Change between 3.4 (close to top) 0.8 (close to bottom)

*¹: The value at the position attained when the battery is connected is regarded as 32768.

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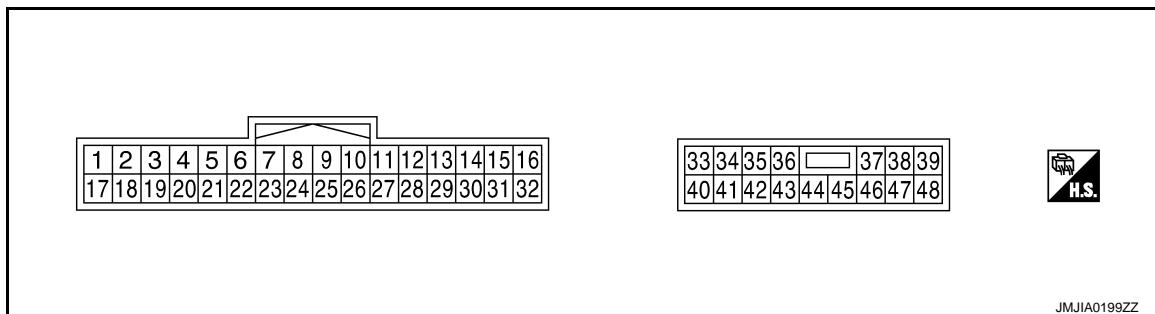
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DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

TERMINAL LAYOUT



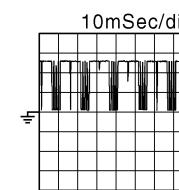
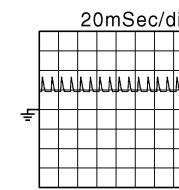
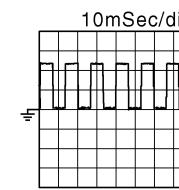
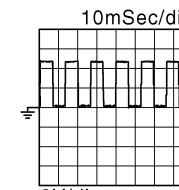
PHYSICAL VALUES

Terminal No.		Wire color	Description		Condition	Voltage (V) (Approx)
+	-		Signal name	Input/Output		
1	Ground	L/W	UART communication (RX)	Input	Ignition switch ON	 2mSec/div 2V/div JMJIA0118ZZ
3	—	R/Y	CAN-H	—	—	—
9	Ground	W/G	Reclining sensor signal	Input	Seat reclining	 10mSec/div 2V/div JMJIA0119ZZ
						 Stop 0 or 5
10	Ground	P/B	Lifting sensor (rear) signal	Input	Seat lifting (rear)	 Operate 10mSec/div 2V/div JMJIA0119ZZ
						 Stop 0 or 5
11	Ground	BR	Sliding switch backward signal	Input	Sliding switch	 Operate (backward) 0
						 Release Battery voltage
12	Ground	SB	Reclining switch backward signal	Input	Reclining switch	 Operate (backward) 0
						 Release Battery voltage
13	Ground	LG/R	Lifting switch (front) down signal	Input	Lifting switch (front)	 Operate (down) 0
						 Release Battery voltage

DRIVER SEAT CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

Terminal No.		Wire color	Description		Condition		Voltage (V) (Approx)
+	-		Signal name	Input/ Output			
14	Ground	G/B	Lifting switch (rear) down signal	Input	Lifting switch (rear)	Operate (down)	0
						Release	Battery voltage
16	Ground	O	Sensor power supply	Output	—		5
17	Ground	Y/R	UART communication (TX)	Output	Ignition switch ON		 10mSec/div 2V/div JMJIA0121ZZ
19	—	V	CAN-L	—	—		—
21	Ground	L/Y	Detention switch	Input	A/T selector lever	P position	0
						Except P position	 20mSec/div 5V/div JMJIA0120ZZ
24	Ground	R	Sliding sensor signal	Input	Seat sliding	Operate	 10mSec/div 2V/div JMJIA0119ZZ
						Stop	
25	Ground	Y/B	Lifting sensor (front) signal	Input	Seat lifting (front)	Operate	 10mSec/div 2V/div JMJIA0119ZZ
						Stop	
26	Ground	Y	Sliding switch forward signal	Input	Sliding switch	Operate (forward)	0
						Release	Battery voltage
27	Ground	R/G	Reclining switch forward signal	Input	Reclining switch	Operate (forward)	0
						Release	Battery voltage
28	Ground	W/B	Lifting switch (front) up signal	Input	Seat lifting switch (front)	Operate (up)	0
						Release	Battery voltage
29	Ground	P/L	Lifting switch (rear) up signal	Input	Seat lifting switch (rear)	Operate (up)	0
						Release	Battery voltage

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DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Terminal No.		Wire color	Description		Condition		Voltage (V) (Approx)
+	-		Signal name	Input/ Output			
31	Ground	GR	Sensor ground	—	—	—	0
32	Ground	B/W	Ground (signal)	—	—	—	0
33	Ground	R	Power source (C/B)	Input	—	—	Battery voltage
35	Ground	W/R	Sliding motor forward output signal	Output	Seat sliding	Operate (forward)	Battery voltage
						Release	0
36	Ground	G/Y	Reclining motor forward output signal	Output	Seat reclining	Operate (forward)	Battery voltage
						Release	0
37	Ground	G/W	Lifting motor (front) down output signal	Output	Seat lifting (front)	Operate (down)	Battery voltage
						Stop	0
38	Ground	L/Y	Lifting motor (rear) up output signal	Output	Seat lifting (rear)	Operate (up)	Battery voltage
						Stop	0
39	Ground	R/B	Lifting motor (rear) down output signal	Output	Seat lifting (rear)	Operate (down)	Battery voltage
						Stop	0
40	Ground	R/W	Power source (Fuse)	Input	—	—	Battery voltage
42	Ground	W/B	Sliding motor backward output signal	Output	Seat sliding	Operate (back-ward)	Battery voltage
						Stop	0
44	Ground	P	Reclining motor backward output signal	Output	Seat reclining	Operate (back-ward)	Battery voltage
						Stop	0
45	Ground	L/R	Lifting motor (front) up output signal	Output	Seat lifting (front)	Operate (up)	Battery voltage
						Stop	0
48	Ground	B	Ground (power)	—	—	—	0

DRIVER SEAT CONTROL UNIT

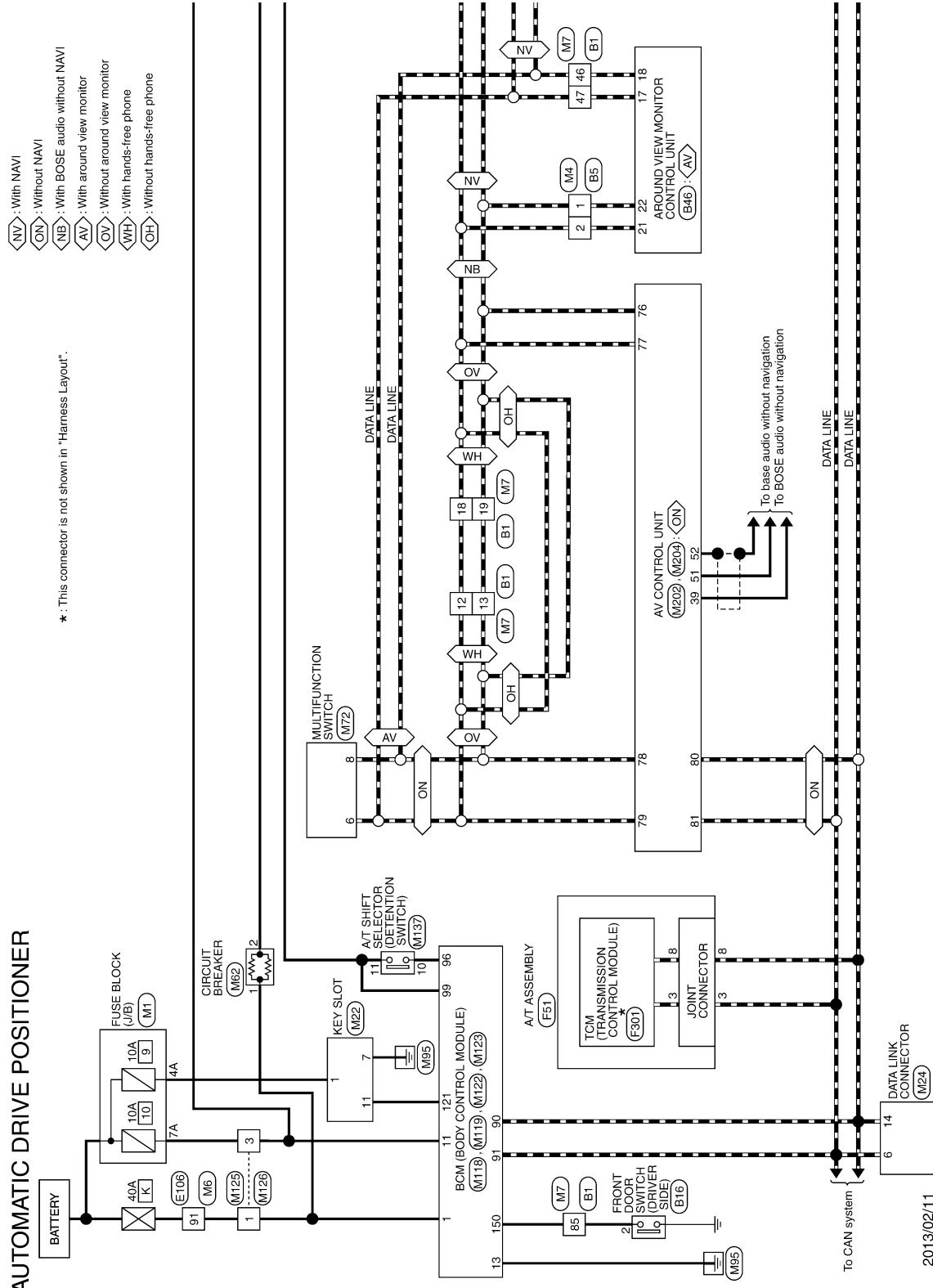
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< ECU DIAGNOSIS INFORMATION >

Wiring Diagram - AUTOMATIC DRIVE POSITIONER CONTROL SYSTEM -

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AUTOMATIC DRIVE POSITIONER



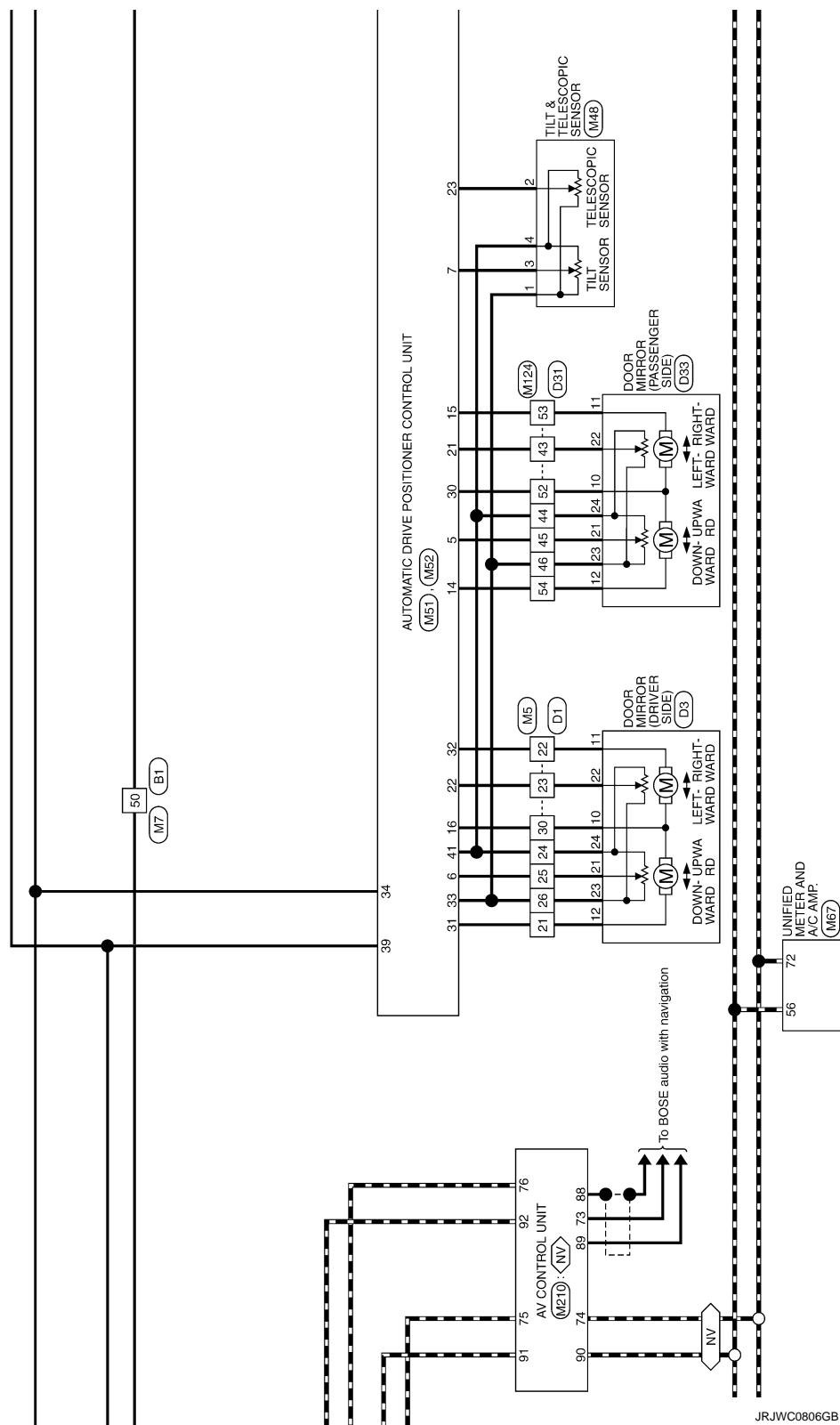
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DRIVER SEAT CONTROL UNIT

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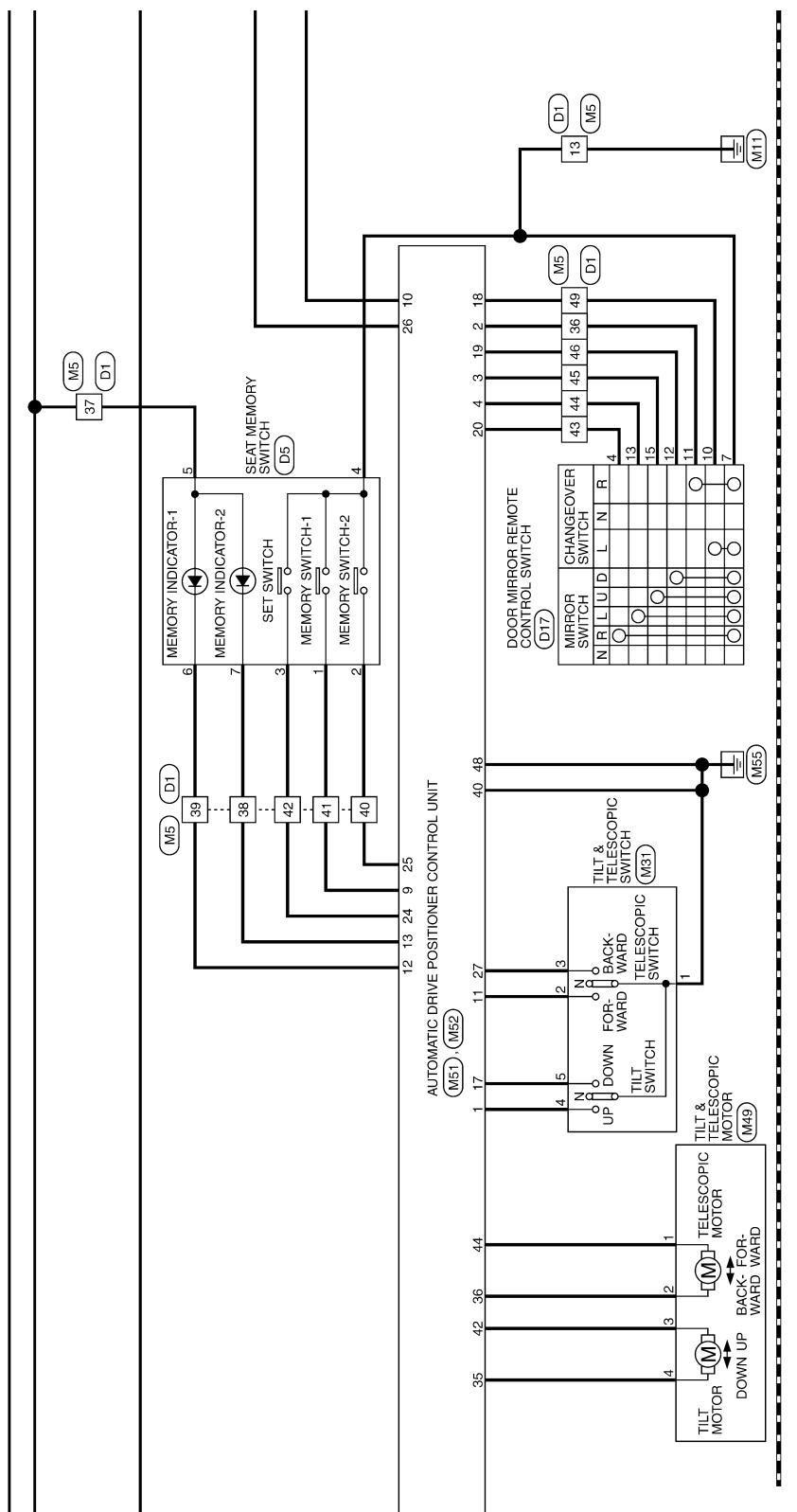
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DRIVER SEAT CONTROL UNIT

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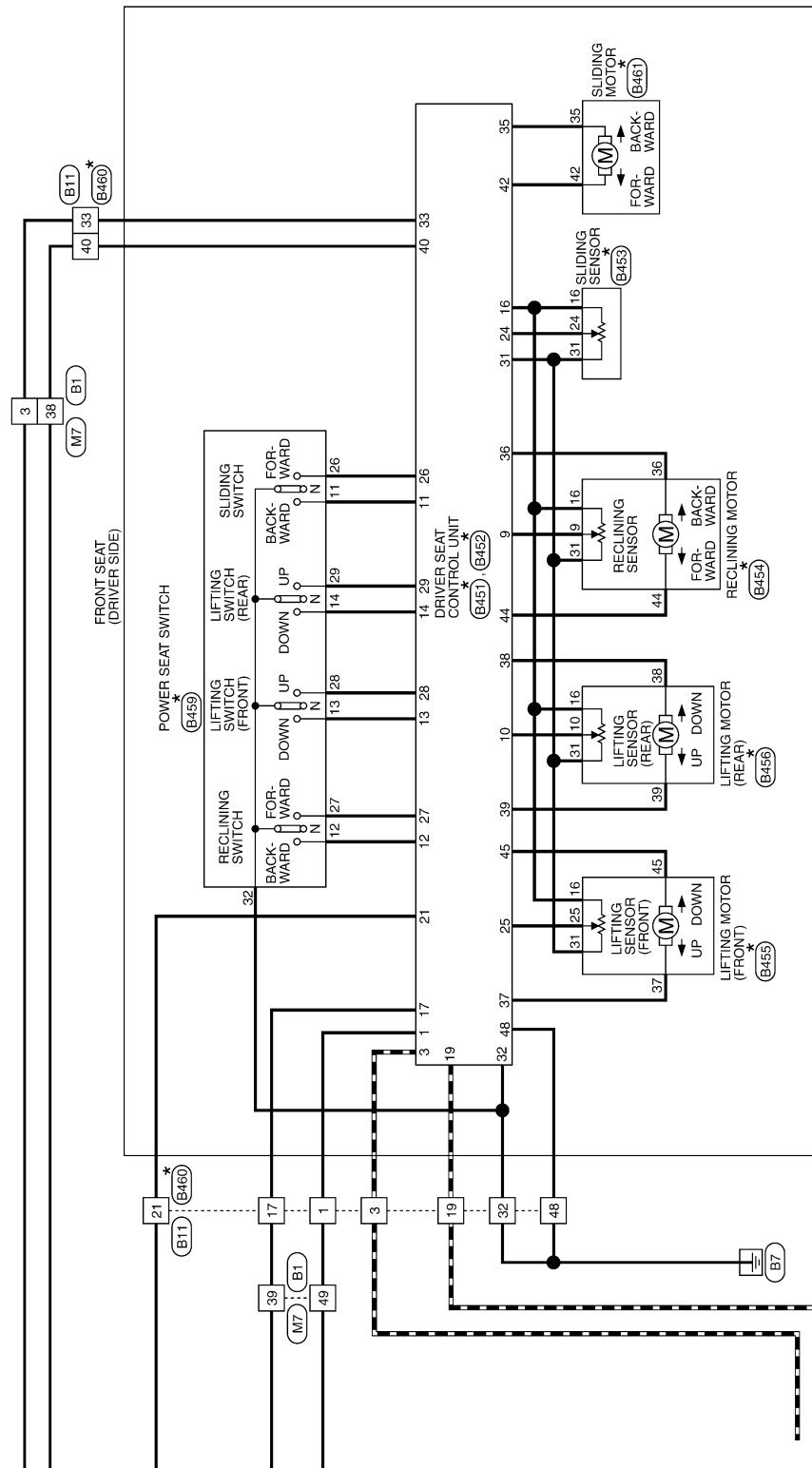
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DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]



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

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DRIVER SEAT CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

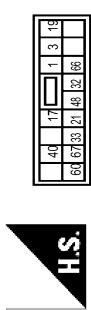
AUTOMATIC DRIVE POSITIONER

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	THS6PN-CST-6-M4



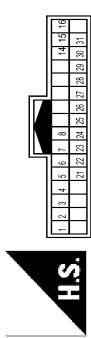
H.S.

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16PW-CS



H.S.

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	THS2MW-NH



H.S.

Terminal Color Of Wire No.	Signal Name [Specification]
3 R	-
5 G	-
6 SB	-
7 V	-
8 L	-
12 SB	-
13 LG	-
14 GR	-
15 LG	-
17 W	-
18 SB	-
19 LG	-
20 BR	-
21 SHIELD	-
22 Y	-
24 P	-
27 B	-
28 R	-
29 W	-
30 SHIELD	-
31 SB	-
32 W	-
33 SB	-
34 L	-
35 P	-
36 L	-
37 P	-
38 BR	-
39 Y	-
44 Y	-
45 GR	-
46 LG	-
47 SB	-
49 G	-
50 V	-

Terminal Color Of Wire No.	Signal Name [Specification]
1 1	-
2 1	-
3 3	-
4 17	-
5 1	-
6 13	-
7 14	-
8 15	-
9 16	-
10 17	-
11 18	-
12 19	-
13 20	-
14 21	-
15 22	-
16 23	-
17 24	-
18 25	-
19 26	-
20 27	-
21 28	-
22 29	-
23 30	-
24 31	-
25 32	-
26 33	-
27 34	-
28 35	-
29 36	-
30 37	-
31 38	-
32 39	-
33 40	-
34 41	-
35 42	-
36 43	-
37 44	-
38 45	-
39 46	-
40 47	-
41 48	-
42 49	-
43 50	-

Terminal Color Of Wire No.	Signal Name [Specification]
1 1	-
2 1	-
3 3	-
4 17	-
5 1	-
6 13	-
7 14	-
8 15	-
9 16	-
10 17	-
11 18	-
12 19	-
13 20	-
14 21	-
15 22	-
16 23	-
17 24	-
18 25	-
19 26	-
20 27	-
21 28	-
22 29	-
23 30	-
24 31	-
25 32	-
26 33	-
27 34	-
28 35	-
29 36	-
30 37	-
31 38	-
32 39	-
33 40	-
34 41	-
35 42	-
36 43	-
37 44	-
38 45	-
39 46	-
40 47	-
41 48	-
42 49	-
43 50	-

Terminal Color Of Wire No.	Signal Name [Specification]
1 1	-
2 1	-
3 3	-
4 17	-
5 1	-
6 13	-
7 14	-
8 15	-
9 16	-
10 17	-
11 18	-
12 19	-
13 20	-
14 21	-
15 22	-
16 23	-
17 24	-
18 25	-
19 26	-
20 27	-
21 28	-
22 29	-
23 30	-
24 31	-
25 32	-
26 33	-
27 34	-
28 35	-
29 36	-
30 37	-
31 38	-
32 39	-
33 40	-
34 41	-
35 42	-
36 43	-
37 44	-
38 45	-
39 46	-
40 47	-
41 48	-
42 49	-
43 50	-

Terminal Color Of Wire No.	Signal Name [Specification]
1 1	-
2 1	-
3 3	-
4 17	-
5 1	-
6 13	-
7 14	-
8 15	-
9 16	-
10 17	-
11 18	-
12 19	-
13 20	-
14 21	-
15 22	-
16 23	-
17 24	-
18 25	-
19 26	-
20 27	-
21 28	-
22 29	-
23 30	-
24 31	-
25 32	-
26 33	-
27 34	-
28 35	-
29 36	-
30 37	-
31 38	-
32 39	-
33 40	-
34 41	-
35 42	-
36 43	-
37 44	-
38 45	-
39 46	-
40 47	-
41 48	-
42 49	-
43 50	-



H.S.

Terminal Color Of Wire No.	Signal Name [Specification]
1 1	-
2 V	-

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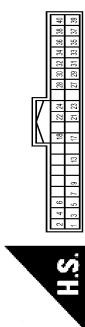
DRIVER SEAT CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

Connector No.	B416
Connector Name	AROUND VIEW/MONITOR CONTROL UNIT
Connector Type	TH05FW-NH



Terminal Color Of No.	Wire No.	Signal Name [Specification]	Terminal Color Of No.	Wire No.	Signal Name [Specification]
1	B	GROUND	1	L/W	RX
2	Y	BATTERY	3	R/Y	CANH
3	P	IGNITION SIGNAL	9	W/G	PULSE (RECLINING)
4	GR	ACC	10	P/B	PULSE (R/LIFTING)
5	BG	ILLUMINATION SIGNAL	11	BR	SLIDING SW (BACKWARD)
6	SB	VEHICLE SPEED SIGNAL (3-PULSE)	12	SB	RECLINING SW (BACKWARD)
7	V	REVERSE SIGNAL	13	L/G/R	FRONT LIFTING SW (DOWNWARD)
9	V	CONTROL SIGNAL	14	G/B	REAR LIFTING SW (DOWNWARD)
13	B	CONTROL SIGNAL	16	O	VCC
17	SB	AV COMM (H)	17	Y/R	TX
18	LG	AV COMM (L)	19	V	CAN-L
21	SB	AV COMM (H)	21	LY	P RANGE SW
22	LG	AV COMM (L)	24	R	PILL SE (SLIDING)
23	LG	-	25	Y/B	PULSE (R/LIFTING)
24	G	-	26	Y	SLIDING SW (FORWARD)
27	W	CAMERA IMAGE SIGNAL	27	R/G	RECLINING SW (FORWARD)
28	SHIELD	CAMERA IMAGE SIGNAL GND	28	W/B	FRONT LIFTING SW (UPWARD)
29	Y	SIDE CAMERA RH IMAGE SIGNAL	29	P/L	REAR LIFTING SW (UPWARD)
30	G	SIDE CAMERA RH IMAGE GND	31	GR	SENSOR GND
31	SHIELD	-	32	BW	SHIELD (SIGNAL)
32	B	SIDE CAMERA RH GND			
33	W	SIDE CAMERA RH COMM			
34	R	SIDE CAMERA RH POWER SUPPLY			
35	L	REAR CAMERA COMM			
36	BR	REAR CAMERA POWER SUPPLY			
37	SHIELD	-			
38	R	REAR CAMERA GND			
39	Y	REAR CAMERA IMAGE SIGNAL			
40	W	REAR CAMERA IMAGE GND			

Connector No.	B454
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



Terminal Color Of No.	Wire No.	Signal Name [Specification]
1	R	BAT (C/B)
3	W/G	SLIDING MOTOR (FORWARD)
9	Y	RECLINING MOTOR (FORWARD)
10	P/B	FRONT LIFTING MOTOR (DOWNWARD)
11	BR	REAR LIFTING MOTOR (UPWARD)
12	SB	RECLINING SW (BACKWARD)
13	L/G/R	FRONT LIFTING SW (DOWNWARD)
14	G/B	REAR LIFTING SW (DOWNWARD)
16	O	VCC
17	P	RECLINING MOTOR (BACKWARD)
18	Y/R	FRONT LIFTING MOTOR (UPWARD)
19	V	GND (POWER)

Terminal Color Of No.	Wire No.	Signal Name [Specification]
33	W/G	SLIDING SW (FORWARD)
35	Y	RECLINING SW (FORWARD)
36	Y/G	FRONT LIFTING SW (UPWARD)
37	Y	REAR LIFTING SW (UPWARD)

Terminal Color Of No.	Wire No.	Signal Name [Specification]
38	Y	REAR LIFTING SW (UPWARD)
39	Y	REAR LIFTING SW (UPWARD)
40	Y	REAR LIFTING SW (UPWARD)

Terminal Color Of No.	Wire No.	Signal Name [Specification]
36	Y	REAR LIFTING SW (UPWARD)
37	Y	REAR LIFTING SW (UPWARD)
38	Y	REAR LIFTING SW (UPWARD)
39	Y	REAR LIFTING SW (UPWARD)

Terminal Color Of No.	Wire No.	Signal Name [Specification]
36	Y	REAR LIFTING SW (UPWARD)
37	Y	REAR LIFTING SW (UPWARD)
38	Y	REAR LIFTING SW (UPWARD)
39	Y	REAR LIFTING SW (UPWARD)

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DRIVER SEAT CONTROL UNIT

[WITH ADP]

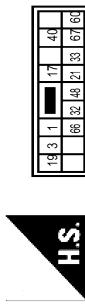
< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

Connector No.	B456
Connector Name	LIFTING MOTOR (REAR)
Connector Type	NS16FBR-CS



Connector No.	B460
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH405W-CS15
Terminal Color Of Wire No.	1
Signal Name [Specification]	1
10 PW	1
16 O	2
31 GR	3
38 LY	4
39 RB	5
32 BW	6
33 R	7
40 RW	8
48 B	9
60 YR	10
66 B	11
67 L	12
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	28 WB
	29 PL
	30 G
	31 W
	32 G
	33 L
	34 SB
	35 R
	36 LG
Terminal Color Of Wire No.	37
Signal Name [Specification]	38 P
39 O	39
40 BR	40
41 L	41
42 GR	42
43 BR	43
44 O	43
45 GR	44
46 W	44
47 G	45
48 Y	45
49 G	46
50 B	47
52 R	48
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DRIVER SEAT CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

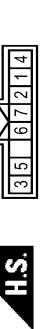
23	Y	-
24	V	-

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



Terminal No.	Color Of Wire	Signal Name [Specification]
7	R	
8	BR	
9	V	
12	P	
13	LG	
14	B	
15	W	
16	BR	
17	B	
18	R	
19	Y	
20	B	- (With BOSE audio) - (Without BOSE audio)
21	BR	- (Without BOSE audio) - (With BOSE audio)
22	V	-
23	P	-
24	W	-
25	SB	-
26	R	-
29	SHEILD	-
30	W	-
31	LG	-
32	BR	-
33	O	-
34	GR	-
35	G	
43	Y	-
44	V	-
45	P	-
46	W	-
52	G	-
53	GR	-
11	LG	-
12	G	-
13	W	-
15	Y	-

Connector No.	D17
Connector Name	DOORMIRROR-REMOTE CONTROL SWITCH
Connector Type	TK16FBR



Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	
22	Y	
23	V	
24	V	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	W	SIDE CAMERA RH COMM
4	LG	SIDE CAMERA RH IMAGE SIGNAL
5	B	SIDE CAMERA RHT POWER SUPPLY
6	R	
7	L	
10	G	
11	GR	
12	O	
16	BR	
17	G	SIDE CAMERA RH IMAGE GND
18	Y	SIDE CAMERA RH GND
19	B	
21	P	

DRIVER SEAT CONTROL UNIT

[WITH ADP]

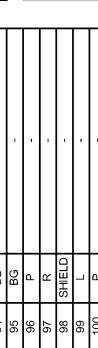
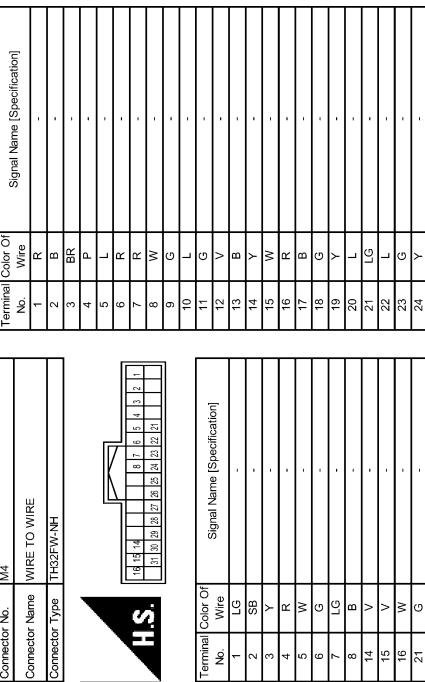
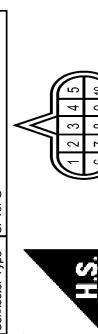
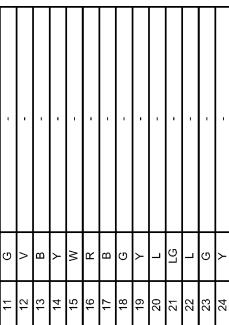
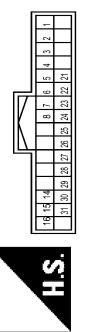
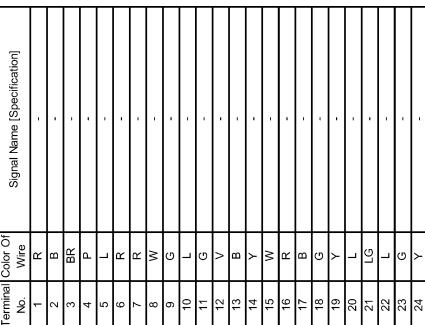
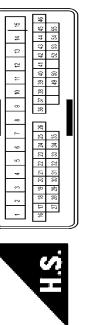
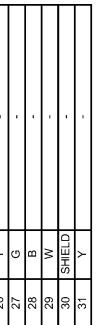
< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER



3A
8A





JRJWC0917GB

DRIVER SEAT CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

Connector No.	Wire To Wire	WIRE TO WIRE
Connector Name		
Connector Type		TH80MW-CS16-TM4

Terminal No.	Color Of Wire	Signal Name [Specification]
71	LG	-
72	Y	-
73	SB	-
74	BR	- [With I(C)]
74	L	- [Without I(C)]
75	G	-
76	GR	- [Without I(C)]
76	W	- [With I(C)]
77	P	- [Without I(C)]
77	R	- [With I(C)]
78	L	- [With I(C)]
78	R	- [Without I(C)]
79	W	- [Without I(C)]
79	Y	- [With I(C)]
80	SB	-
81	SB	-
82	SB	-
83	V	-
84	G	-
85	L	-
86	P	-
87	W	-
88	GR	-
90	SHIELD	-
91	W	-
92	Y	-
93	BR	-
94	P	-
95	GR	-
96	W	-
97	L	-
98	SHIELD	-
99	V	-
(10)	SB	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	R	-
3	B	-
4	SHIELD	-
5	G	-



H.S.

DRIVER SEAT CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

Terminal No.	Color Of Wire	Signal Name [Specification]
60	P	-
61	L	-
62	SHIELD	-
63	R	-
64	G	-
65	SHIELD	-
66	SB	-
67	V	-
68	LG	-
69	SHIELD	-
70	W	-
73	G	-
74	R	-
75	W	-
76	W	-
77	B	-
78	P	-
79	GR	-
83	BG	-
85	LG	-
86	R	-
87	Y	-
88	W	-
89	BR	-
90	BG	-
91	G	-
92	Y	-
93	BR	-
94	V	-
95	G	-
96	Y	-
98	W	-
99	R	-
14	P	-
16	Y	-
18	SB	-
20	SB	-
22	Y	-
23	BR	-
24	V	-
25	G	-
26	Y	-
28	W	-
29	R	-
30	P	-
31	Y	-
32	SB	-
34	SB	-
36	Y	-
38	W	-
39	R	-
40	P	-
42	Y	-
44	SB	-
46	SB	-
48	Y	-
50	W	-
51	R	-
52	P	-
54	Y	-
56	SB	-
58	SB	-
60	Y	-
62	W	-
64	R	-
66	P	-
68	Y	-
70	SB	-
72	SB	-
74	Y	-
76	W	-
78	R	-
80	P	-
82	Y	-
84	SB	-
86	SB	-
88	Y	-
90	W	-
92	R	-
94	P	-
96	Y	-
98	SB	-
100	SB	-
102	Y	-
104	W	-
106	R	-
108	P	-
110	Y	-
112	SB	-
114	SB	-
116	Y	-
118	W	-
120	R	-
122	P	-
124	Y	-
126	SB	-
128	SB	-
130	Y	-
132	W	-
134	R	-
136	P	-
138	Y	-
140	SB	-
142	SB	-
144	Y	-
146	W	-
148	R	-
150	P	-
152	Y	-
154	SB	-
156	SB	-
158	Y	-
160	W	-
162	R	-
164	P	-
166	Y	-
168	SB	-
170	SB	-
172	Y	-
174	W	-
176	R	-
178	P	-
180	Y	-
182	SB	-
184	SB	-
186	Y	-
188	W	-
190	R	-
192	P	-
194	Y	-
196	SB	-
198	SB	-
200	Y	-
202	W	-
204	R	-
206	P	-
208	Y	-
210	SB	-
212	SB	-
214	Y	-
216	W	-
218	R	-
220	P	-
222	Y	-
224	SB	-
226	SB	-
228	Y	-
230	W	-
232	R	-
234	P	-
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254	SB	-
256	Y	-
258	W	-
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262	P	-
264	Y	-
266	SB	-
268	SB	-
270	Y	-
272	W	-
274	R	-
276	P	-
278	Y	-
280	SB	-
282	SB	-
284	Y	-
286	W	-
288	R	-
290	P	-
292	Y	-
294	SB	-
296	SB	-
298	Y	-
300	W	-
302	R	-
304	P	-
306	Y	-
308	SB	-
310	SB	-
312	Y	-
314	W	-
316	R	-
318	P	-
320	Y	-
322	SB	-
324	SB	-
326	Y	-
328	W	-
330	R	-
332	P	-
334	Y	-
336	SB	-
338	SB	-
340	Y	-
342	W	-
344	R	-
346	P	-
348	Y	-
350	SB	-
352	SB	-
354	Y	-
356	W	-
358	R	-
360	P	-
362	Y	-
364	SB	-
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368	Y	-
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372	R	-
374	P	-
376	Y	-
378	SB	-
380	SB	-
382	Y	-
384	W	-
386	R	-
388	P	-
390	Y	-
392	SB	-
394	SB	-
396	Y	-
398	W	-
400	R	-
402	P	-
404	Y	-
406	SB	-
408	SB	-
410	Y	-
412	W	-
414	R	-
416	P	-
418	Y	-
420	SB	-
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456	R	-
458	P	-
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462	SB	-
464	SB	-
466	Y	-
468	W	-
470	R	-
472	P	-
474	Y	-
476	SB	-
478	SB	-
480	Y	-
482	W	-
484	R	-
486	P	-
488	Y	-
490	SB	-
492	SB	-
494	Y	-
496	W	-
498	R	-
500	P	-
502	Y	-
504	SB	-
506	SB	-
508	Y	-
510	W	-
512	R	-
514	P	-
516	Y	-
518	SB	-
520	SB	-
522	Y	-
524	W	-
526	R	-
528	P	-
530	Y	-
532	SB	-
534	SB	-
536	Y	-
538	W	-
540	R	-
542	P	-
544	Y	-
546	SB	-
548	SB	-
550	Y	-
552	W	-
554	R	-
556	P	-
558	Y	-
560	SB	-
562	SB	-
564	Y	-
566	W	-
568	R	-
570	P	-
572	Y	-
574	SB	-
576	SB	-
578	Y	-
580	W	-
582	R	-
584	P	-
586	Y	-
588	SB	-
590	SB	-
592	Y	-
594	W	-
596	R	-
598	P	-
600	Y	-
602	SB	-
604	SB	-
606	Y	-
608	W	-
610	R	-
612	P	-
614	Y	-
616	SB	-
618	SB	-
620	Y	-
622	W	-
624	R	-
626	P	-
628	Y	-
630	SB	-
632	SB	-
634	Y	-
636	W	-
638	R	-
640	P	-
642	Y	-
644	SB	-
646	SB	-
648	Y	-
650	W	-
652	R	-
654	P	-
656	Y	-
658	SB	-
660	SB	-
662	Y	-
664	W	-
666	R	-
668	P	-
670	Y	-
672	SB	-
674	SB	-
676	Y	-
678	W	-
680	R	-
682	P	-
684	Y	-
686	SB	-
688	SB	-
690	Y	-
692	W	-
694	R	-
696	P	-
698	Y	-
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702	SB	-
704	Y	-
706	W	-
708	R	-
710	P	-
712	Y	-
714	SB	-
716	SB	-
718	Y	-
720	W	-
722	R	-
724	P	-
726	Y	-
728	SB	-
730	SB	-
732	Y	-
734	W	-
736	R	-
738	P	-
740	Y	-
742	SB	-
744	SB	-
746	Y	-
748	W	-
750	R	-
752	P	-
754	Y	-
756	SB	-
758	SB	-
760	Y	-
762	W	-
764	R	-
766	P	-
768	Y	-
770	SB	-
772	SB	-
774	Y	-
776	W	-
778	R	-
780	P	-
782	Y	-
784	SB	-
786	SB	-
788	Y	-
790	W	-
792	R	-
794	P	-
796	Y	-
798	SB	-
800	SB	-
802	Y	-
804	W	-
806	R	-
808	P	-
810	Y	-
812	SB	-
814	SB	-
816	Y	-
818	W	-
820	R	-
822	P	-
824	Y	-
826	SB	-
828	SB	-
830	Y	-
832	W	-
834	R	-
836	P	-
838	Y	-
840	SB	-
842	SB	-
844	Y	-
846	W	-
848	R	-
850	P	-
852	Y	-
854	SB	-
856	SB	-
858	Y	-
860	W	-
862	R	-
864	P	-
866	Y	-
868	SB	-
870	SB	-
872	Y	-
874	W	-
876	R	-
878	P	-
880	Y	-
882	SB	-
884	SB	-
886	Y	-
888	W	-
890	R	-
892	P	-
894	Y	-
896	SB	-
898	SB	-
900	Y	-
902	W	-
904	R	-
906	P	-

DRIVER SEAT CONTROL UNIT

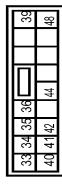
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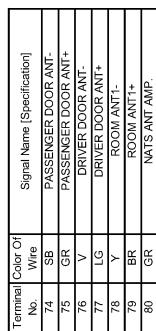
AUTOMATIC DRIVE POSITIONER



Connector No.	M52
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS16FW-CS



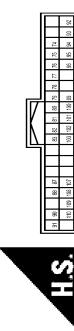
Terminal	Color Of Wire	Signal Name [Specification]
No.	R	POWER SUPPLY (SENSOR)
33	R	BAT (FUSE)
34	L	TILT MOTOR (UPWARD)
35	R	TELESCOPIC MOTOR (FORWARD)
36	GR	TELESCOPIC MOTOR (BACKWARD)
39	SB	BAT (CB)
40	B	GND (SIGNAL)
41	Y	GND (SENSOR)
42	BG	TILT MOTOR (DOWNWARD)
44	G	TELESCOPIC MOTOR (BACKWARD)
48	B	GND (POWER)



Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	THREEPIN



8	V	ACC IN
9	G	DRIVER DOOR FUEL LID/LOCK OUTPUT
10	BR	Rear door unlock output
11	R	REAR DOOR UNLOCK OUTPUT
13	B	BAT (FUSE)
14	W	PUSH-BUTTON IGNITION SW/LH GND
15	V	TURN SIGNAL RH (FRONT)
17	W	TURN SIGNAL LH (FRONT)
18	G	INT ROOM LAMP (CONT)
19	V	INT ROOM LAMP (FRONT)



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	BATT[1]
2	W	POWER WINDOW POWER SUPPLY[1A]
3	Y	POWER WINDOW POWER SUPPLY[1B]



Signal Name [Specification]	
Terminal No.	Color Of Wire
4	LG
5	L
7	Y
8	V
9	G
10	BR
11	R
13	B
14	W
15	W
17	W
18	BG
19	V

INTERIOR ROOM LAMP POWER SUPPLY
PASSENGER DOOR UNLOCK OUTPUT
STEP LAMP COUNT
ALL DOOR FUEL LED LOCK OUTPUT
DRIVERS DOOR UNLOCK/UNLATCH OUTPUT
REAR DOOR UNLOCK OUTPUT
BAT (FUSE)
GROUND
PUSH-BUTTON IGNITION SW/L GND
ACC IND
TURN SIGNAL RH (FRONT)
TURN SIGNAL LH (FRONT)
INT ROOM LAMP COUNT



H \$.		Terminal	Color Of Wires	Signal Name [Specification]
1	1	No.	SB	PASSENGER DOOR ANT.
2	2		GR	PASSENGER DOOR ANT+
3	3		V	DRIVER DOOR ANT.
4	4		LG	DRIVER DOOR ANT+
5	5		BR	ROOM ANT1-
6	6		GR	ROOM ANT1+



DRIVER SEAT CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

Terminal No.	Color Of Wire	Signal Name [Specification]
81 W	NATS ANT AMP.	SHIFT N/P
82 R	IGN RELAY (F/B) CONT	SECURITY IND LAMP CONF
83 Y	KEYLESS ENTRY RECEIVER COMM	COMBI SW OUTPUT 5
87 BR	COMBI SW INPUT 5	COMBI SW OUTPUT 1
88 V	COMBI SW INPUT 3	COMBI SW OUTPUT 2
90 P	CAN-H	COMBI SW OUTPUT 3
91 L	KEY SLOT ILL CONT	COMBI SW OUTPUT 4
92 LG	ON IND	DRIVER DOOR SW
93 V	FLUID E LAMP CONT	REAR WINDOW DEFOGGER RELAY CONT
94 Y	ACC RELAY CONT	
95 BG	GR AUT SHIFT SELECTOR POWER SUPPLY	
96 GR	SHIFT P	
99 R	PASSENGER DOOR REQUEST SW	
100 G	DRIVER DOOR REQUEST SW	WIRE TO WIRE
101 SB	BLOWER AND MOTOR RELAY CONT	
102 BG	KEYLESS ENTRY RECEIVER POWER SUPPLY	
103 LG	COMBI SW INPUT 1	
107 LG	COMBI SW INPUT 4	
108 R	COMBI SW INPUT 2	
109 Y	HAZARD SW	
110 G		

Connector No.	Color Of Wire	Signal Name [Specification]
TH40FG-NH	-	
TH40MW-LC	-	
TH40VW-CS15	-	

Terminal No.	Color Of Wire	Signal Name [Specification]
140 GR	G	SHIFT N/P
141 G	BG	SECURITY IND LAMP CONF
142 BG	COMBI SW OUTPUT 5	COMBI SW OUTPUT 1
143 P	COMBI SW INPUT 5	COMBI SW OUTPUT 2
144 G	COMBI SW INPUT 3	COMBI SW OUTPUT 3
145 L	CAN-L	COMBI SW OUTPUT 4
146 SB	DRIVER DOOR SW	
150 LG	REAR WINDOW DEFOGGER RELAY CONT	
151 G	ON IND	
54 W		
55 BG		

Terminal No.	Color Of Wire	Signal Name [Specification]
1 WIRE TO WIRE	WIRE TO WIRE	
2 V	V	
3 L	L	
4 B	B	
5 G	G	
6 SB	SB	
8 B	B	
9 B	B	
10 GR	GR	
11 R	R	

Terminal No.	Color Of Wire	Signal Name [Specification]
1 WIRE TO WIRE	WIRE TO WIRE	
2 V	V	
3 R	R	
4 B	B	
5 G	G	
6 SB	SB	
8 B	B	
9 B	B	
10 GR	GR	
11 R	R	

Terminal No.	Color Of Wire	Signal Name [Specification]
1 WIRE TO WIRE	WIRE TO WIRE	
2 V	V	
3 R	R	
4 B	B	
5 G	G	
6 SB	SB	
8 B	B	
9 B	B	
10 GR	GR	
11 R	R	

JRJWC0921GB

DRIVER SEAT CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH

Connector No.	M204
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH

Connector No.	M204
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH
Terminal Color Of No.	78 77 76 75 81 82 83 84 85 86 87 88
Signal Name [Specification]	AV COMM (L)

Connector No.	M204
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH
Terminal Color Of No.	78 77 76 75 81 82 83 84 85 86 87 88
Signal Name [Specification]	AV COMM (L)

Connector No.	M204
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH
Terminal Color Of No.	78 77 76 75 81 82 83 84 85 86 87 88
Signal Name [Specification]	AV COMM (L)

Connector No.	M204
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH
Terminal Color Of No.	78 77 76 75 81 82 83 84 85 86 87 88
Signal Name [Specification]	AV COMM (L)

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH
Terminal Color Of No.	78 77 76 75 81 82 83 84 85 86 87 88
Signal Name [Specification]	AV COMM (L)

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH
Terminal Color Of No.	78 77 76 75 81 82 83 84 85 86 87 88
Signal Name [Specification]	AV COMM (L)

JRJWC0922GB

INFOID:0000000009359471

Fail Safe

The fail-safe mode may be activated if the following symptoms are observed.

DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Operating in fail-safe mode	Malfunction Item	Related DTC	Diagnosis
Only manual functions operate normally.	CAN communication	U1000	ADP-44
	Tilt sensor	B2118	ADP-49
	Telescopic sensor	B2119	ADP-52
	Detention switch	B2126	ADP-55
Only manual functions, except door mirror, operate normally.	UART communication	B2128	ADP-57
Only manual functions, except seat sliding, operate normally.	Seat sliding output	B2112	ADP-45
Only manual functions, except seat reclining, operate normally.	Seat reclining output	B2113	ADP-47

DTC Index

INFOID:0000000009359472

CONSULT display	Timing ^{*1}		Item	Reference page
	Current malfunction	Previous malfunction		
CAN COMM CIRCUIT [U1000]	0	1-39	CAN communication	ADP-44
SEAT SLIDE [B2112]	0	1-39	Seat slide motor output	ADP-45
SEAT RECLINING [B2113]	0	1-39	Seat reclining motor output	ADP-47
TIILT SENSOR [B2118]	0	1-39	Tilt sensor input	ADP-49
TELESCO SENSOR [B2119]	0	1-39	Telescopic sensor input	ADP-52
DETENT SW [B2126]	0	1-39	Detention switch condition	ADP-55
UART COMM [B2128]	0	1-39	UART communication	ADP-57

*1:

- 0: Current malfunction is present
- 1-39: Displayed if any previous malfunction is present when current condition is normal. The numeral value increases by one at each IGN ON to OFF cycle from 1 to 39. The counter remains at 39 even if the number of cycles exceeds it. However, the counter is reset to 1 if any malfunction is detected again, the normal operation is resumed and the ignition switch is turned from OFF to ON.

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AUTOMATIC DRIVE POSITIONER CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

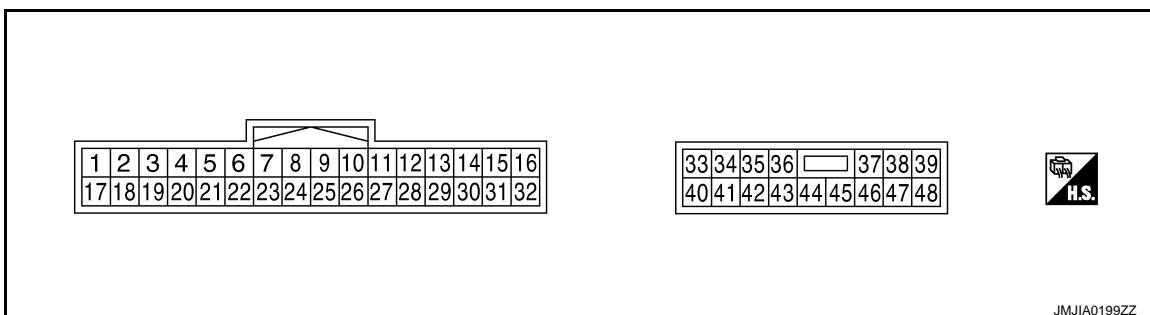
[WITH ADP]

AUTOMATIC DRIVE POSITIONER CONTROL UNIT

Reference Value

INFOID:0000000009359473

TERMINAL LAYOUT



PHYSICAL VALUES

Terminal No.	Wire color	Description		Condition	Voltage (V) (Approx.)	
		Signal name	Input/Out-put			
1	Ground	Y	Tilt switch up signal	Input	Tilt switch	Operate (up)
						Other than above
2	Ground	LG	Changeover switch RH signal	Input	Changeover switch position	RH
						Neutral or LH
3	Ground	G	Mirror switch up signal	Input	Mirror switch	Operated (up)
						Other than above
4	Ground	V	Mirror switch left signal	Input	Mirror switch	Operated (left)
						Other than above
5	Ground	R	Door mirror sensor (RH) up/down signal	Input	Door mirror RH position	Change between 3.4 (close to peak) 0.6 (close to valley)
6	Ground	GR	Door mirror sensor (LH) up/down signal	Input	Door mirror LH position	Change between 3.4 (close to peak) 0.6 (close to valley)
7	Ground	BG	Tilt sensor signal	Input	Tilt position	Change between 1.2 (close to top) 3.4 (close to bottom)
9	Ground	L	Memory switch 1 signal	Input	Memory switch 1	Push
						Other than above
10	Ground	V	UART communication (TX)	Output	Ignition switch ON	 2mSec/div 2V/div

AUTOMATIC DRIVE POSITIONER CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

Terminal No.		Wire color	Description		Condition		Voltage (V) (Approx.)		
+	-		Signal name	Input/Out-put					
11	Ground	GR	Telescopic switch forward signal	Input	Telescopic switch	Operate (forward)	0		
						Other than above	5		
12	Ground	BG	Memory indictor 1 signal	Out-put	Memory indictor 1	Illuminate	0		
						Other than above	Battery voltage		
13	Ground	P	Memory indictor 2 signal	Out-put	Memory indictor 2	Illuminate	0		
						Other than above	Battery voltage		
14	Ground	W	Door mirror motor (RH) up output signal	Out-put	Door mirror RH	Operate (up)	Battery voltage		
						Other than above	0		
15	Ground	G	Door mirror motor (RH) left output signal	Out-put	Door mirror RH	Operate (left)	Battery voltage		
						Other than above	0		
16	Ground	Y	Door mirror motor (LH) down output signal	Out-put	Door mirror (LH)	Operate (down)	Battery voltage		
						Other than above	0		
			Door mirror motor (LH) right output signal			Operate (right)	Battery voltage		
						Other than above	0		
17	Ground	W	Tilt switch down signal	Input	Tilt switch	Operate (down)	0		
						Other than above	5		
18	Ground	P	Changeover switch LH signal	Input	Changeover switch position	LH	0		
						Neutral or RH	5		
19	Ground	SB	Mirror switch down signal	Input	Mirror switch	Operate (down)	0		
						Other than above	5		
20	Ground	BR	Mirror switch right signal	Input	Mirror switch	Operate (right)	0		
						Other than above	5		
21	Ground	L	Door mirror sensor (RH) left/right signal	Input	Door mirror RH position		Change between 3.4 (close to left edge) 0.6 (close to right edge)		
22	Ground	G	Door mirror sensor (LH) left/right signal	Input	Door mirror LH position		Change between 0.6 (close to left edge) 3.4 (close to right edge)		
23	Ground	P	Telescopic sensor signal	Input	Telescopic position		Change between 0.8 (close to top) 3.4 (close to bottom)		

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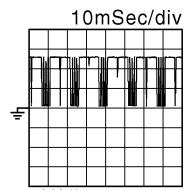
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AUTOMATIC DRIVE POSITIONER CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Terminal No.		Wire color	Description		Condition		Voltage (V) (Approx.)		
+	-		Signal name	Input/ Out- put					
24	Ground	R	Set switch signal	Input	Set switch	Push	0		
						Other than above	5		
25	Ground	SB	Memory switch 2 signal	Input	Memory switch 2	Push	0		
						Other than above	5		
26	Ground	Y	UART communication (RX)	Input	Ignition switch ON		 10mSec/div 2V/div		
27	Ground	G	Telescopic switch backward signal	Input	Telescopic switch	Operate (back-ward)	0		
						Other than above	5		
30	Ground	R	Door mirror motor (RH) down output signal	Output	Door mirror (RH)	Operate (down)	Battery voltage		
			Door mirror motor (RH) right output signal			Other than above	0		
						Operate (right)	Battery voltage		
						Other than above	0		
31	Ground	LG	Door mirror motor (LH) up output signal	Output	Door mirror (LH)	Operate (up)	Battery voltage		
						Other than above	0		
32	Ground	L	Door mirror motor (LH) left output signal	Output	Door mirror (LH)	Operate (left)	Battery voltage		
						Other than above	0		
33	Ground	R	Sensor power supply	Input	—		5		
34	Ground	R	Power source (Fuse)	Input	—		Battery voltage		
35	Ground	L	Tilt motor up output signal	Output	Steering tilt	Operate (up)	Battery voltage		
						Other than above	0		
36	Ground	GR	Telescopic motor forward output signal	Output	Steering telescopic	Operate (forward)	Battery voltage		
						Other than above	0		
39	Ground	SB	Power source (C/B)	—	—		Battery voltage		
40	Ground	B	Ground	—	—		0		
41	Ground	Y	Sensor ground	—	—		0		

AUTOMATIC DRIVE POSITIONER CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Terminal No.		Wire color	Description		Condition	Voltage (V) (Approx.)
+	-		Signal name	Input/ Out- put		
42	Ground	BG	Tilt motor down output signal	Out-put	Steering tilt	Operate (down)
						0
44	Ground	G	Telescopic motor backward output signal	Out-put	Steering tele-scopic	Operate (back-ward)
						0
48	Ground	B	Ground	—	—	0

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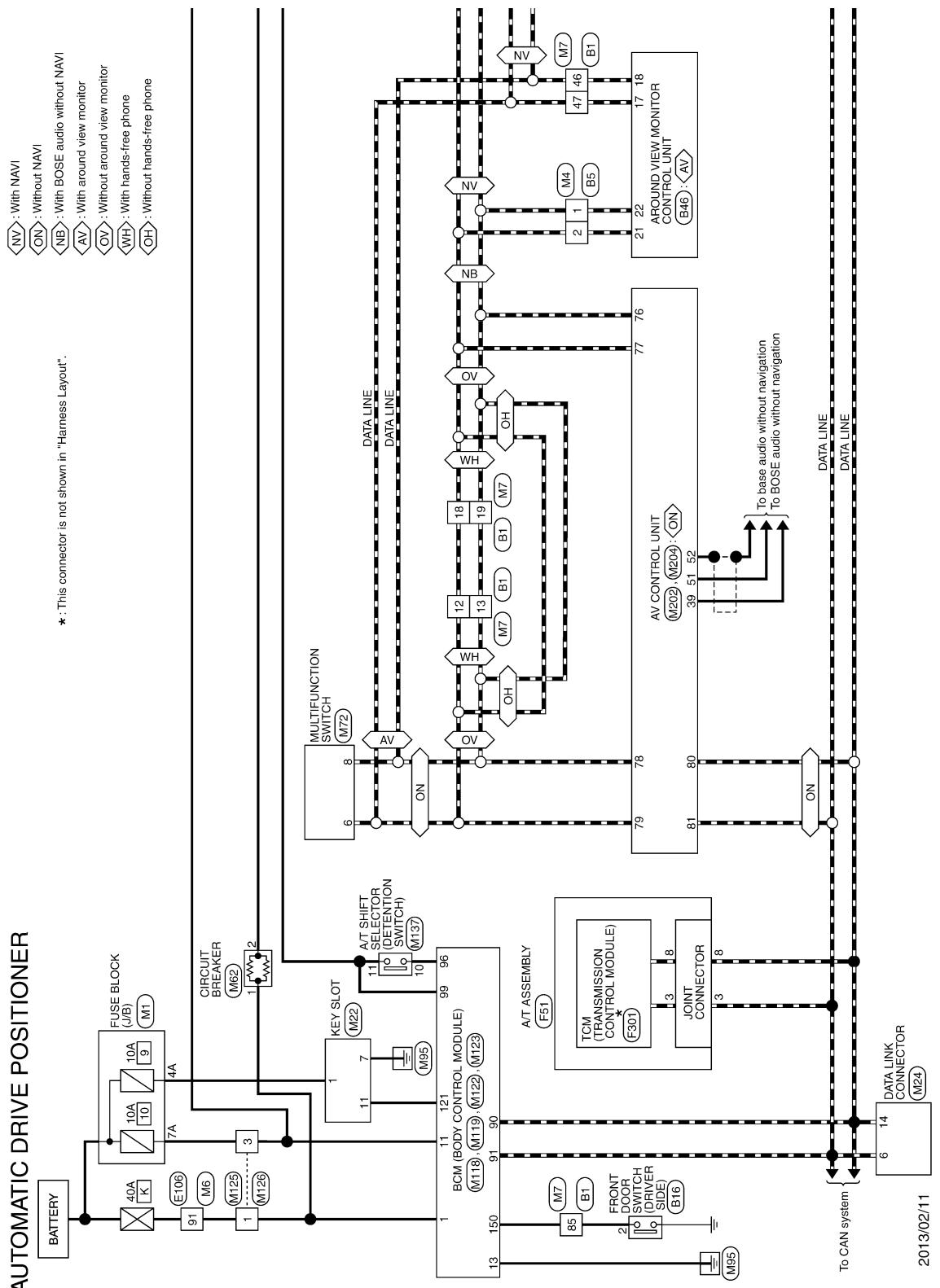
AUTOMATIC DRIVE POSITIONER CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Wiring Diagram - AUTOMATIC DRIVE POSITIONER CONTROL SYSTEM -

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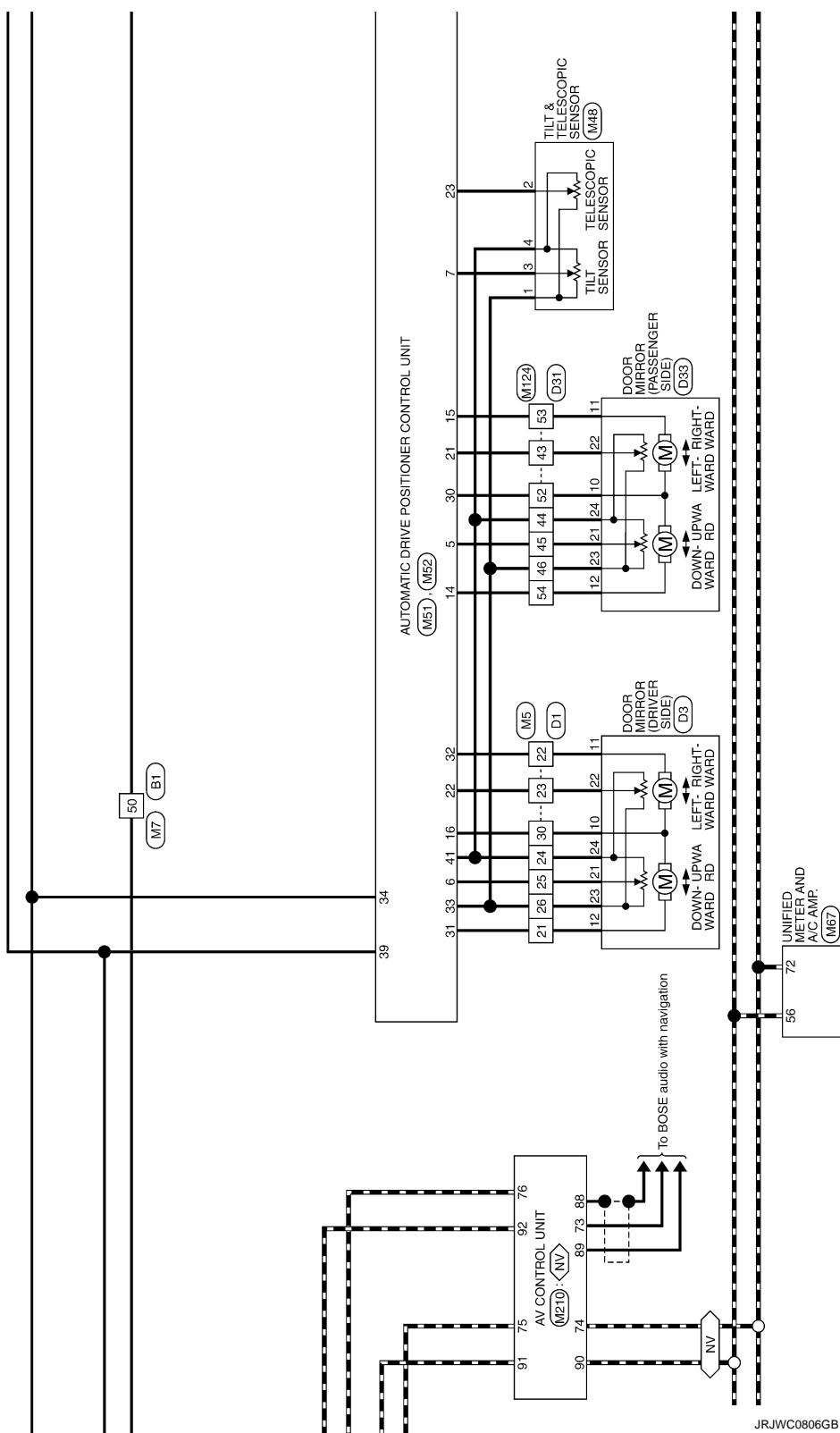
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AUTOMATIC DRIVE POSITIONER CONTROL UNIT

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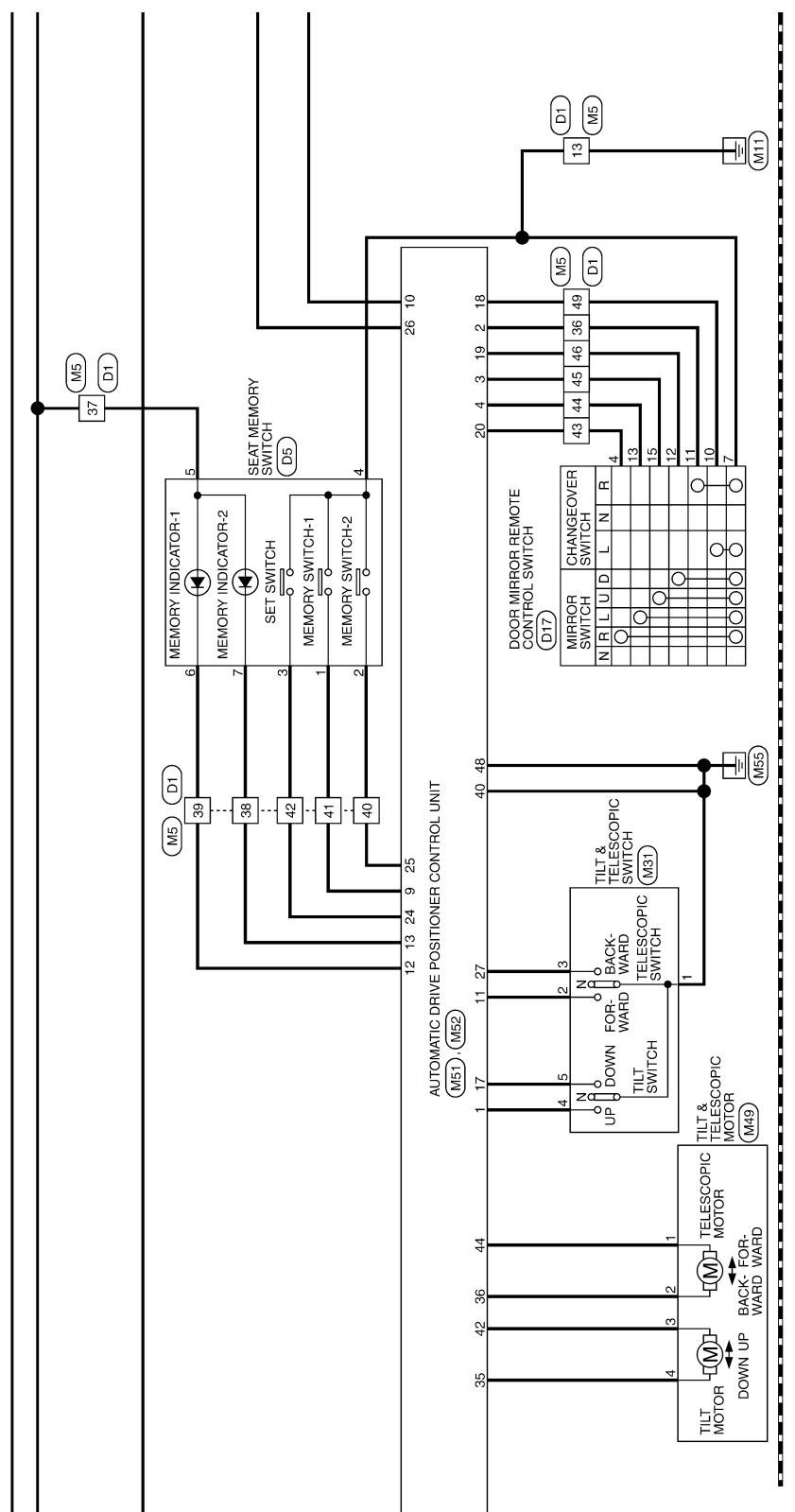
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AUTOMATIC DRIVE POSITIONER CONTROL UNIT

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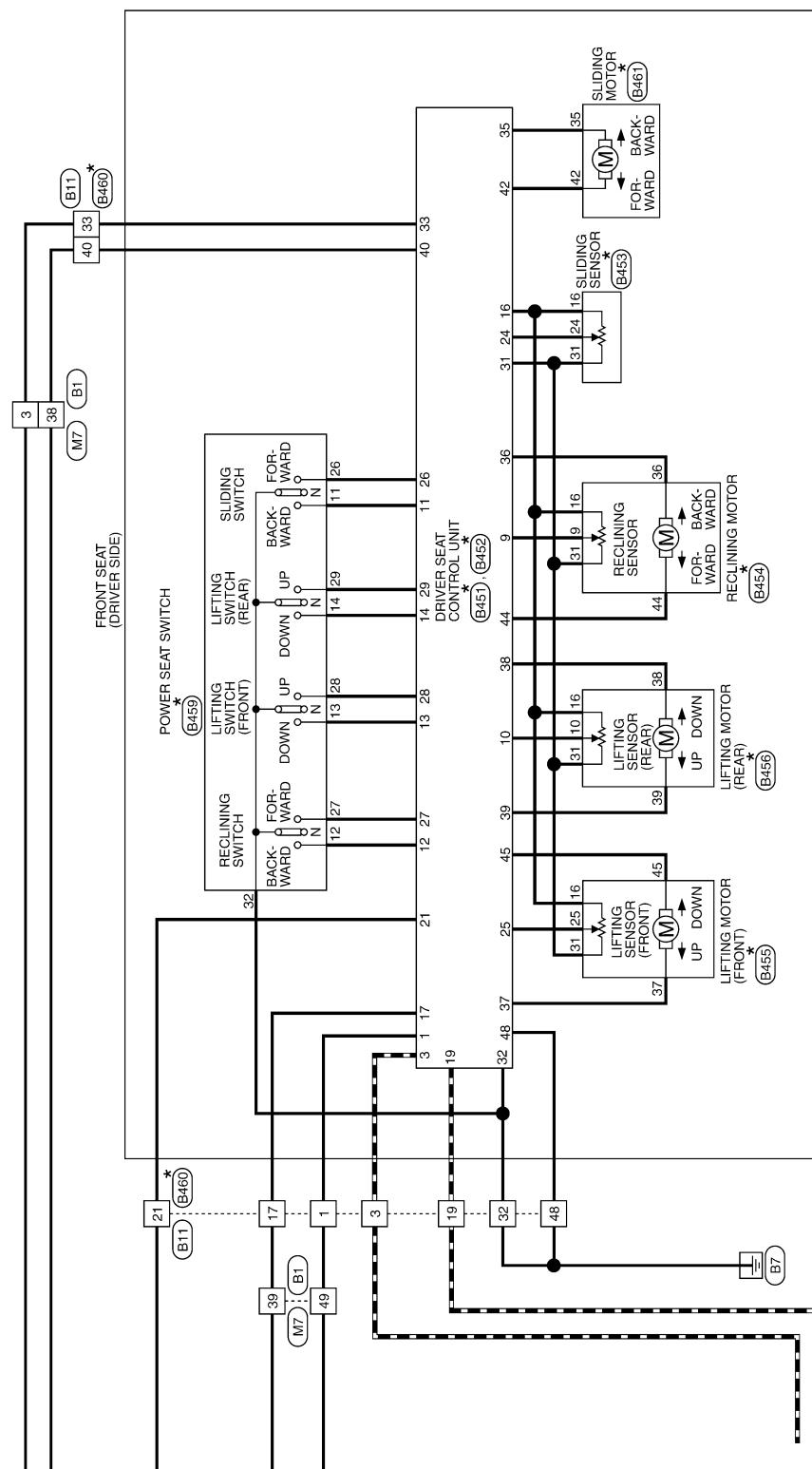


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AUTOMATIC DRIVE POSITIONER CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

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JRJWC0808GB

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AUTOMATIC DRIVE POSITIONER CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

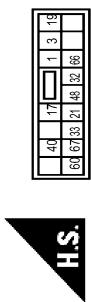
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-M4



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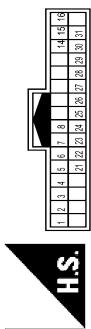
Terminal Color Of Wire No.	Signal Name [Specification]	Signal Name [Specification]	Terminal Color Of Wire No.	Signal Name [Specification]
3 R	-	-	1 LG	-
5 G	-	-	2 SB	-
6 SB	-	-	3 Y	-
7 V	-	-	4 R	-
8 L	-	-	5 W	-
12 SB	-	-	6 G	-
13 LG	-	-	7 LG	-
14 GR	-	-	8 B	-
15 LG	-	-	14 SB	-
17 W	-	-	15 GR	-
18 SB	-	-	16 P	-
19 LG	-	-	21 G	-
20 BR	-	-	22 B	-
21 SHIELD	-	-	23 SHIELD	-
22 Y	-	-	24 BG	-
24 P	-	-	25 BR	-
27 B	-	-	26 Y	-
28 R	-	-	27 W	-
29 W	-	-	28 R	-
30 SHIELD	-	-	29 L	-
32 W	-	-	31 Y	-
33 SB	-	-		
34 L	-	-		
35 P	-	-		
36 L	-	-		
37 P	-	-		
38 BR	-	-		
39 Y	-	-		
44 Y	-	-		
45 GR	-	-		
46 LG	-	-		
47 SB	-	-		
49 G	-	-		
50 V	-	-		

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



H.S.

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



H.S.

Terminal Color Of Wire No.	Signal Name [Specification]
12	1
13	2
14	3
15	4
16	5
17	6
18	7
19	8
20	9
21	10
22	11
23	12
24	13
25	14
26	15
27	16
28	17
29	18
30	19
31	20
32	21
33	22
34	23
35	24
36	25
37	26
38	27
39	28
44	29
45	30
46	31
47	32
49	33
50	34

Terminal Color Of Wire No.	Signal Name [Specification]
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
44	44
45	45
46	46
47	47
49	49
50	50

Terminal Color Of Wire No.	Signal Name [Specification]
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
44	44
45	45
46	46
47	47
49	49
50	50

Terminal Color Of Wire No.	Signal Name [Specification]
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
44	44
45	45
46	46
47	47
49	49
50	50

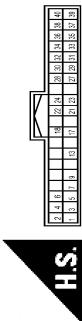
AUTOMATIC DRIVE POSITIONER CONTROL UNIT

[WITH ADP]

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AUTOMATIC DRIVE POSITIONER

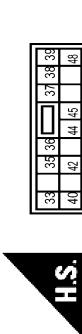
Connector No.	B46
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FVN-NH



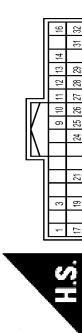
Connector No.	B454
Connector Name	RECLINING MOTOR
Connector Type	NS06FW-CS



Connector No.	B452
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-WS



Connector No.	B451
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	TH32FW



Terminal No.	Color Of Wire	Signal Name [Specification]
9	WG	-
16	O	-
31	GR	-
36	GY	-
44	P	-



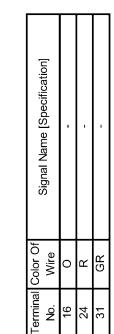
Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	BAT (CB)
35	W/R	SLIDING MOTOR (FORWARD)
36	G/Y	RECLINING MOTOR (FORWARD)
37	G/W	FRONT LIFTING MOTOR (DOWNWARD)
38	L/Y	REAR LIFTING MOTOR (UPWARD)
39	R/B	REAR LIFTING MOTOR (BACKWARD)
40	R/W	BAT (FUSE)
42	W/B	SLIDING MOTOR (BACKWARD)
44	P	RECLINING MOTOR (BACKWARD)
45	L/R	FRONT LIFTING MOTOR (UPWARD)
48	G/N	GND (POWER)



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L/W	RX
3	R/Y	CAN-H
9	W/G	PULSE RECHINING
10	P/B	PULSE RELIFTING
11	B/R	SLIDING SW [BACKWARD]
12	S/B	RECLINING SW [BACKWARD]
13	L/G/R	FRONT LIFTING SW [DOWNWARD]
14	G/B	REAR LIFTING SW [DOWNWARD]
16	O	VCC
17	Y/R	TX
19	V	CAN-L
21	L/Y	P RANGE SW
24	R	PULSE (SLIDING)
25	Y/B	PULSE (RELIFTING)
26	Y	SLIDING SW [FORWARD]
27	R/G	RECLINING SW [FORWARD]
28	W/B	FRONT LIFTING SW [UPWARD]
29	P/L	REAR LIFTING SW [UPWARD]
31	G/R	SENSOR END
32	B/W	ENDSW



Terminal No.	Color Of Wire	Signal Name [Specification]
16	O	-
25	Y/B	-
31	GR	-
37	G/R	-
45	L/R	-



Terminal No.	Color Of Wire	Signal Name [Specification]	Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND	1	L/W	RX
2	Y	BATTERY	3	R/Y	CAN+H
3	G	IGNITION SIGNAL	9	W/G	PULSE (RECLINING)
4	GR	ACC	10	P/B	PULSE (FLIFTING)
5	BS	ILLUMINATION SIGNAL	11	BR	SIDLING SW (BACKWARD)
6	SB	VEHICLE SPEED SIGNAL (PULSE)	12	SB	RECLINING SW (BACKWARD)
7	V	REVERSE SIGNAL	13	LG/R	FRONT LIFTING SW (DOWNWARD)
9	G	CONTROL SIGNAL	14	G/B	REAR LIFTING SW (DOWNWARD)
13	B	CONTROL SIGNAL	16	O	VCC
17	SB	AV COMM (H)	17	Y/R	TX
18	LG	AV COMM (L)	19	V	CAN-L
21	SB	AV COMM (H)	21	LY	P RANGE SW
22	LG	AV COMM (L)	24	R	PULSE (SLIDING)
23	LG	-	25	Y/B	PULSE (FLIFTING)
24	G	-	26	Y	SIDLING SW (FORWARD)
27	W	CAMERA IMAGE SIGNAL	27	R/G	RECLINING SW (FORWARD)
28	SHIELD	CAMERA IMAGE SIGNAL GND	28	W/B	FRONT LIFTING SW (UPWARD)
29	Y	SIDE CAMERA RH IMAGE SIGNAL	29	P/L	REAR LIFTING SW (UPWARD)
30	G	SIDE CAMERA RH IMAGE GND	31	GR	SENSOR GND
31	SHIELD	SHIELD	32	BW	GND (SIGNAL)
32	B	SIDE CAMERA RH GND			
33	W	SIDE CAMERA RH COMM			
34	R	SIDE CAMERA RH POWER SUPPLY			
35	L	REAR CAMERA COMM			
36	BR	REAR CAMERA POWER SUPPLY			
37	SHIELD	SHIELD			
38	R	REAR CAMERA GND			
39	Y	REAR CAMERA IMAGE SIGNAL			
40	Y	REAR CAMERA IMAGE SIGNAL GND			

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AUTOMATIC DRIVE POSITIONER CONTROL UNIT

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AUTOMATIC DRIVE POSITIONER

Connector No.	B456
Connector Name	LIFTING MOTOR (REAR)
Connector Type	NS06FBR-CS



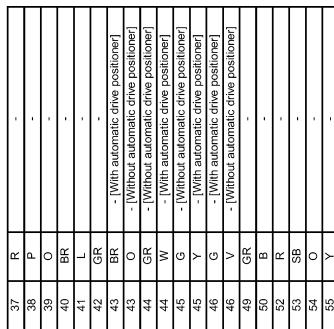
Connector No.	B460
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal Color Of Wire No.	Signal Name [Specification]
10 P/B	-
16 O	-
31 GR	-
38 LY	-
39 RB	-
40 RW	-
48 B	-
60 YR	-
66 B	-
67 L	-

Connector No.	B459
Connector Name	POWER SEAT SWITCH
Connector Type	NS10FW-CS

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS16
Terminal Color Of Wire No.	Signal Name [Specification]
1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-
18	-
19	-
20	-
21	-
22	-
23	-
24	-
25	-
26	-
27	-
28	-
29	-
30	-
31	-
32	-
33	-
34	-
35	-
36	-
37	R
38	P
39	O
40	BR
41	L
42	GR
43	BR
44	O
45	GR
46	W
47	G
48	SB
49	Y
50	G
51	B
52	R
53	SB
54	O
55	Y



Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS16



Terminal Color Of Wire No.	Signal Name [Specification]
1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-
18	-
19	-
20	-
21	O
22	P
23	BR
24	V
25	GR
26	Y
27	B
28	SHIELD
29	LG
30	G
31	W
32	L
33	SB
34	Y
35	BR
36	LG
37	W
38	P
39	O
40	GR
41	G
42	SB
43	Y
44	BR
45	LG
46	W
47	P
48	O
49	GR
50	G
51	SB
52	Y
53	BR
54	LG
55	W
56	P
57	O
58	GR
59	G
60	SB
61	Y
62	BR
63	LG
64	W
65	P
66	O
67	GR
68	G
69	SB
70	Y
71	BR
72	LG
73	W
74	P
75	O
76	GR
77	G
78	SB
79	Y
80	BR
81	LG
82	W
83	P
84	O
85	GR
86	G
87	SB
88	Y
89	BR
90	LG
91	W
92	P
93	O
94	GR
95	G
96	SB
97	Y
98	BR
99	LG
100	W
101	P
102	O
103	GR
104	G
105	SB
106	Y
107	BR
108	LG
109	W
110	P
111	O
112	GR
113	G
114	SB
115	Y
116	BR
117	LG
118	W
119	P
120	O
121	GR
122	G
123	SB
124	Y
125	BR
126	LG
127	W
128	P
129	O
130	GR
131	G
132	SB
133	Y
134	BR
135	LG
136	W
137	P
138	O
139	GR
140	G
141	SB
142	Y
143	BR
144	LG
145	W
146	P
147	O
148	GR
149	G
150	SB
151	Y
152	BR
153	LG
154	W
155	P
156	O
157	GR
158	G
159	SB
160	Y
161	BR
162	LG
163	W
164	P
165	O
166	GR
167	G
168	SB
169	Y
170	BR
171	LG
172	W
173	P
174	O
175	GR
176	G
177	SB
178	Y
179	BR
180	LG
181	W
182	P
183	O
184	GR
185	G
186	SB
187	Y
188	BR
189	LG
190	W
191	P
192	O
193	GR
194	G
195	SB
196	Y
197	BR
198	LG
199	W
200	P
201	O
202	GR
203	G
204	SB
205	Y
206	BR
207	LG
208	W
209	P
210	O
211	GR
212	G
213	SB
214	Y
215	BR
216	LG
217	W
218	P
219	O
220	GR
221	G
222	SB
223	Y
224	BR
225	LG
226	W
227	P
228	O
229	GR
230	G
231	SB
232	Y
233	BR
234	LG
235	W
236	P
237	O
238	GR
239	G
240	SB
241	Y
242	BR
243	LG
244	W
245	P
246	O
247	GR
248	G
249	SB
250	Y
251	BR
252	LG
253	W
254	P
255	O
256	GR
257	G
258	SB
259	Y
260	BR
261	LG
262	W
263	P
264	O
265	GR
266	G
267	SB
268	Y
269	BR
270	LG
271	W
272	P
273	O
274	GR
275	G
276	SB
277	Y
278	BR
279	LG
280	W
281	P
282	O
283	GR
284	G
285	SB
286	Y
287	BR
288	LG
289	W
290	P
291	O
292	GR
293	G
294	SB
295	Y
296	BR
297	LG
298	W
299	P
300	O
301	GR
302	G
303	SB
304	Y
305	BR
306	LG
307	W
308	P
309	O
310	GR
311	G
312	SB
313	Y
314	BR
315	LG
316	W
317	P
318	O
319	GR
320	G
321	SB
322	Y
323	BR
324	LG
325	W
326	P
327	O
328	GR
329	G
330	SB
331	Y
332	BR
333	LG
334	W
335	P
336	O
337	GR
338	G
339	SB
340	Y
341	BR
342	LG
343	W
344	P
345	O
346	GR
347	G
348	SB
349	Y
350	BR
351	LG
352	W
353	P
354	O
355	GR
356	G
357	SB
358	Y
359	BR
360	LG
361	W
362	P
363	O
364	GR
365	G
366	SB
367	Y
368	BR
369	LG
370	W
371	P
372	O
373	GR
374	G
375	SB
376	Y
377	BR
378	LG
379	W
380	P
381	O
382	GR
383	G
384	SB
385	Y
386	BR
387	LG
388	W
389	P
390	O
391	GR
392	G
393	SB
394	Y
395	BR
396	LG
397	W
398	P
399	O
400	GR
401	G
402	SB
403	Y
404	BR
405	LG
406	W
407	P
408	O
409	GR
410	G
411	SB
412	Y
413	BR
414	LG
415	W
416	P
417	O
418	GR
419	G
420	SB
421	Y
422	BR
423	LG
424	W
425	P
426	O
427	GR
428	G
429	SB
430	Y
431	BR
432	LG
433	W
434	P
435	O
436	GR
437	G
438	SB
439	Y
440	BR
441	LG
442	W
443	P
444	O
445	GR
446	G
447	SB
448	Y
449	BR
450	LG
451	W
452	P
453	O
454	GR
455	G
456	SB
457	Y
458	BR
459	LG
460	W
461	P
462	O
463	GR
464	G
465	SB
466	Y
467	BR
4	

AUTOMATIC DRIVE POSITIONER CONTROL UNIT

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AUTOMATIC DRIVE POSITIONER

23	Y	-
24	V	-

25	GR	-
26	Y	-

27	BR	-
28	W	-

29	LG	-
30	BR	-

31	W	-
32	LG	-

33	GR	-
34	Y	-

35	BR	-
36	W	-

37	LG	-
38	BR	-

39	W	-
40	LG	-

41	GR	-
42	Y	-

43	BR	-
44	W	-

45	LG	-
46	BR	-

47	W	-
48	LG	-

49	GR	-
50	Y	-

51	BR	-
52	LG	-

53	W	-
54	LG	-

55	GR	-
56	Y	-

57	BR	-
58	LG	-

59	GR	-
60	Y	-

61	BR	-
62	W	-

63	LG	-
64	BR	-

65	W	-
66	LG	-

67	GR	-
68	Y	-

JRJWC0916GB

Connector No.	D33	Color Of Wire	5	GR	-
Connector Name	DOOR MIRROR (PASSENGER SIDE)		8	Y	-
Connector Type	TH24MVAH		9	BR	-
			10	BG	-
			11	S6	-
			12	BG	-
			13	L	-
			14	R	-
			15	P	-
			16	V	-
			17	S6	-
			18	V	-
			19	BR	-
			20	BG	-
			21	L	-
			22	V	-
			23	G	-
			24	P	-
			25	Y	-
			26	V	-
			27	W	-
			28	G	-
			29	BR	-
			30	W	-
			31	S6	-
			32	B	-
			33	BR	-
			34	R	-
			35	G	-
			36	S6	-
			37	V	-
			38	BR	-
			39	G	-
			40	W	-
			41	LG	-
			42	G	-
			43	BR	-
			44	W	-
			45	LG	-
			46	BR	-
			47	W	-
			48	LG	-
			49	G	-
			50	BR	-
			51	L	-
			52	BR	-
			53	LG	-
			54	W	-
			55	LG	-
			56	Y	-
			57	BR	-
			58	LG	-
			59	W	-
			60	LG	-
			61	G	-
			62	BR	-
			63	W	-
			64	B	-
			65	G	-
			66	R	-
			67	S6	-
			68	Y	-
			69	LG	-

Connector No.	D5	Color Of Wire	1	R	-
Connector Name	SEAT MEMORY SWITCH		2	W	-
Connector Type	A05FW		3	LG	-
			4	BR	-
			5	W	-
			6	LG	-
			7	P	-
			8	BR	-
			9	V	-
			10	GR	-
			11	Y	-
			12	BR	-
			13	W	-
			14	LG	-
			15	BR	-
			16	W	-
			17	LG	-
			18	R	-
			19	Y	-
			20	BR	-
			21	W	-
			22	LG	-
			23	BR	-
			24	W	-
			25	LG	-
			26	BR	-
			27	W	-
			28	LG	-
			29	BR	-
			30	W	-
			31	LG	-
			32	BR	-
			33	W	-
			34	LG	-
			35	BR	-
			36	W	-
			37	LG	-
			38	BR	-
			39	G	-
			40	W	-
			41	LG	-
			42	G	-
			43	BR	-
			44	W	-
			45	LG	-
			46	BR	-
			47	W	-
			48	LG	-
			49	G	-
			50	BR	-
			51	L	-
			52	BR	-
			53	LG	-
			54	W	-
			55	LG	-
			56	Y	-
			57	BR	-
			58	LG	-
			59	W	-
			60	LG	-
			61	G	-
			62	BR	-
			63	W	-
			64	B	-
			65	G	-
			66	R	-
			67	S6	-
			68	Y	-
			69	LG	-

Connector No.	E106	Color Of Wire	1	R	-
Connector Name	WIRE TO WIRE		2	W	-
Connector Type	TH809W-CS16-TM4		3	LG	-
			4	BR	-
			5	W	-
			6	LG	-
			7	BR	-
			8	W	-
			9	LG	-
			10	BR	-
			11	W	-
			12	LG	-
			13	BR	-
			14	W	-
			15	LG	-
			16	BR	-
			17	W	-
			18	LG	-
			19	BR	-
			20	W	-
			21	LG	-
			22	BR	-
			23	W	-
			24	LG	-
			25	BR	-
			26	W	-
			27	LG	-
			28	BR	-
			29	W	-
			30	LG	-
			31	BR	-
			32	W	-
			33	LG	-
			34	BR	-
			35	W	-
			36	LG	-
			37	BR	-
			38	W	-
			39	LG	-

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AUTOMATIC DRIVE POSITIONER

Terminal No.	Color Of Wire	Signal Name [Specification]	Terminal No.	Color Of Wire	Signal Name [Specification]
70	W	-	1	Y	IGNITION POWER SUPPLY
71	R	-	2	BR	BATTERY POWER SUPPLY
72	Y	-	3	O	CANH
73	B	-	4	V	K-LINE
74	BR	-	5	B	GROUND
74	L	-	6	Y	IGNITION POWER SUPPLY
75	G	-	7	R	BACK-UP LAMP RELAY
75	W	-	8	LG	CANL
76	W	-	9	GR	STARTER RELAY
77	Y	-	10	B	GROUND
78	BR	-	89	GR	-
78	L	-	90	SHEILD	-
79	Y	-	91	W	-
80	SB	-	92	Y	-
81	R	-	93	V	-
82	SB	-	94	LG	-
83	BG	-	95	BG	-
84	G	-	96	P	-
85	L	-	97	R	-
86	P	-	98	SHEILD	-
87	V	-	99	L	-
100	P	-	100	P	-

Connector No.	M1	22	B
Connector Name	FUSE BLOCK (JB)	23	SHEILD
Connector Type	NS061WM-A2	24	R
		25	R
		26	Y
		27	G
		28	B
		29	W
		30	SHEILD
		31	Y

Terminal No.	Color Of Wire	Signal Name [Specification]	Terminal No.	Color Of Wire	Signal Name [Specification]
1A	GR	-	1A	GR	-
2A	G	-	2A	G	-
3A	L	-	3A	L	-
4A	P	-	4A	P	-
5A	V	-	5A	V	-
6A	Y	-	6A	Y	-
7A	R	-	7A	R	-
8A	LG	-	8A	LG	-

Terminal No.	Color Of Wire	Signal Name [Specification]	Terminal No.	Color Of Wire	Signal Name [Specification]
1B	GR	-	1B	GR	-
2B	G	-	2B	G	-
3B	L	-	3B	L	-
4B	P	-	4B	P	-
5B	V	-	5B	V	-
6B	Y	-	6B	Y	-
7B	R	-	7B	R	-
8B	LG	-	8B	LG	-

Terminal No.	Color Of Wire	Signal Name [Specification]	Terminal No.	Color Of Wire	Signal Name [Specification]
1C	GR	-	1C	GR	-
2C	G	-	2C	G	-
3C	L	-	3C	L	-
4C	P	-	4C	P	-
5C	V	-	5C	V	-
6C	Y	-	6C	Y	-
7C	R	-	7C	R	-
8C	LG	-	8C	LG	-

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AUTOMATIC DRIVE POSITIONER CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

Connector No.	WIRE TO WIRE
25 GR	-
26 R	-
27 W	-
28 SHEILD	-
29 Y	-
30 Y	-
31 R	-
32 BR	-
33 SB	-
34 Y	-
35 P	-
36 LG	-
37 BR	-
38 P	-
39 BG	-
40 SB	-
41 L	-
42 R	-
43 BR	-
44 V	-
45 G	-
46 SB	- [With automatic drive positioner] - [Without automatic drive positioner]
46 V	- [Without automatic drive positioner]
49 P	-
50 B	-
52 R	-
53 V	-
54 LG	-
55 SB	-

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
50 P	-
51 BR	-
54 Y	-
57 G	-
59 W	-
60 L	-
61 G	-
62 SB	-
63 G	-
65 W	-
67 SHEILD	-
68 Y	-
69 GR	-
70 LG	-

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

Connector No.	WIRE TO WIRE
71	LG
72	Y
73	SB
74	BR
74	- [With CC]
74	- [Without CC]
75	G
76	GR
76	- [Without CC]
76	W
77	P
77	R
78	L
78	- [With CC]
78	- [Without CC]
79	W
79	Y
80	SB
81	SB
82	G
83	V
84	G
85	L
86	P
87	W
88	GR
90	SHEILD
91	W
92	Y
93	BR
94	P
95	GR
96	W
97	L
98	SHEILD
99	V
100	SB

AUTOMATIC DRIVE POSITIONER CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

AUTOMATIC DRIVE POSITIONER

Terminal No.	Color Of Wire	Signal Name [Specification]
60	P	-
61	L	-
62	SHIELD	-
63	R	-
64	G	-
65	SHIELD	-
66	SB	-
67	V	-
68	LG	-
69	SHIELD	-
70	W	-
73	G	-
74	R	-
75	W	-
76	W	-
77	B	-
78	P	-
79	GR	-
83	BG	-
85	LG	-
86	R	-
87	Y	-
88	W	-
89	BR	-
90	BG	-
91	G	-
92	Y	-
93	BR	-
94	V	-
95	G	-
96	Y	-
98	W	-
99	R	-
14	P	-
16	Y	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	P	-
3	BG	-
4	Y	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	P	-
3	BG	-
4	Y	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	P	-
3	BG	-
4	Y	-



H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	TILT SW (UPWARD)
2	LG	MIRROR SELECT SW (RH)
3	G	MIRROR SW (UPWARD)
4	V	MIRROR SW (LEFTWARD)
5	R	MIRROR SENSOR (RH-VERTICAL)
6	GR	MIRROR SENSOR (LH-VERTICAL)
7	BG	TISSUE SENSORS
9	L	ADDRESS
10	V	TX (UART)
11	GR	TELESCOPIC SW (FRONT/WAED)
12	BG	INPUT
13	P	IN2
14	W	MIRROR MOTOR (RH-VERTICAL)
15	G	MIRROR MOTOR (RH-HORIZONTAL)
16	Y	MIRROR MOTOR (LH-HORIZONTAL)
17	W	TILT SW (DOWNWARD)

Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	TILT SW (UPWARD)
2	LG	MIRROR SELECT SW (RH)
3	G	MIRROR SW (UPWARD)
4	V	MIRROR SW (LEFTWARD)
5	R	MIRROR SENSOR (RH-VERTICAL)
6	GR	MIRROR SENSOR (LH-VERTICAL)
7	BG	TISSUE SENSORS
9	L	ADDRESS
10	V	TX (UART)
11	GR	TELESCOPIC SW (FRONT/WAED)
12	BG	INPUT
13	P	IN2
14	W	MIRROR MOTOR (RH-VERTICAL)
15	G	MIRROR MOTOR (RH-HORIZONTAL)
16	Y	MIRROR MOTOR (LH-HORIZONTAL)
17	W	TILT SW (DOWNWARD)

AUTOMATIC DRIVE POSITIONER CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

AUTOMATIC DRIVE POSITIONER

Terminal Color Of Wire	Signal Name [Specification]	Connector No.	Connector Name	Connector Type	Terminal Color Of Wire	Signal Name [Specification]	Connector No.	Connector Name	Connector Type
18 P	MIRROR SELECT SW (LH)	M62			65 BG	ECV SIGNAL	M119		
19 SB	MIRROR SW (DOWNWARD)		CIRCUIT BREAKER		69 L	A/C LAN SIGNAL			
20 BR	MIRROR SW (RIGHTWARD)				70 R	EACH DOOR MOTOR POWER SUPPLY			
21 L	MIRROR SENSOR (RH HORIZONTAL)				71 B	GROUND			
22 G	MIRROR SENSOR (LH HORIZONTAL)				72 P	CANL			
23 P	TELESCOPIC SENSOR								
24 R	SET SW								
25 SB	ADDRESS2								
26 Y	RX (UART)								
27 G	TELESCOPIC SW (BACKWARD)								
30 R	MIRROR MOTOR (RH COMMUN)								
31 LG	MIRROR MOTOR (LH HORIZONTAL)								
32 L	MIRROR MOTOR (LH VERTICAL)								
33 34 35 36	POWER SUPPLY (SENSOR)	M62			1 W	UNIFIED METER AND A/C AMP.	M67		
40 41 42	BAT (FUSE)				2 SB	-			
33 34 35 36 37 38	POWER SUPPLY (SENSOR)								
39 SB	TILT MOTOR (UPWARD)								
40 B	TELESCOPIC MOTOR (FORWARD)								
41 Y	GND(SIGNAL)								
42 BG	TILT MOTOR (DOWNWARD)								
44 G	TELESCOPIC MOTOR (BACKWARD)								
45 P	GND(POWER)								
46 BG	GND(POWER)								
47 G	ENH-STEER (OUTSIDE DOOR DEFLECTING SENSOR SIGNAL)								
53 G	IGNITION POWER SUPPLY								
54 Y	BATTERY POWER SUPPLY								
55 B	GROUND								
56 L	CANH								
57 W	Brake Fluid Level Switch Signal								
58 BR	Fuel Level Sensor Ground								
59 GR	Intake Sensor Ground								
60 L	In-Vehicle Sensor Ground								
61 BR	Ambient Sensor Ground								
62 SB	Sunload Sensor Ground								
63 R	-								

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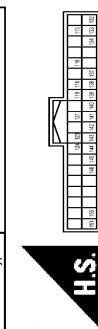
AUTOMATIC DRIVE POSITIONER CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

AUTOMATIC DRIVE POSITIONER

			NATS ANT AMP.
81	W	R	IGN KEYLESS ENTRY RECEIVER COMM
82		Y	COMBI SW INPUT 5
83		BG	COMBI SW INPUT 3
87			CANHL
88	V		CANHL
90	P		CANHL
91	L		KEY SLOTTL COUNT
92	LG		ON IND
93			PIDDLE LAMP COUNT
94	Y		ACCO RELAY COUNT
95	BG		ATT SHIFT SELECTOR POWER SUPPLY
96	R		SHIFT P
99	R		PASSENGER DOOR REQUEST SW
100	G		DRIVER DOOR REQUEST SW
101	SB		DRIVER FAIRING RELAY CONT
102	SB		BLOWER FAIRING RELAY CONT
103	LG		KEYLESS ENTRY RECEIVER POWER SUPPLY
107	LG		COMBI SW INPUT 1
108	R		COMBI SW INPUT 4
109	Y		COMBI SW INPUT 2
110			HAZARD SW



Terminal	Color Of Wire	Signal Name [Specification]
113	P	OPTICAL SENSOR
116	SB	STOP LAMP SW 1
118	P	STOP LAMP SW 2
119	SB	DR DOOR UNLOCK SENSOR
		KEY SLOT SW
123	W	IGN/FB
124	LG	PASSANGER DOOR SW
132	W	POWER WINDOW SW COMM
133	W	PUSH-BUTTON IGNITION SW/LI/POWER
134	GR	LOCK/UNG.
137	GR	RECEIVER-SENSE/GND
138	L	RECEIVER-TENSION/POWER SUPPLY
139	L	TIRE PRESSURE RECEIVER COMM

JRJWC0921GB

AUTOMATIC DRIVE POSITIONER CONTROL UNIT

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

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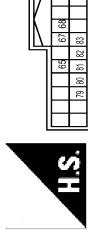
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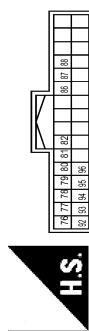
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AUTOMATIC DRIVE POSITIONER

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH



Connector No.	M204
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH



Terminal Color Of No.	Signal Name [Specification]
76	AV COMM (L)
77	AV COMM (R)
78	AV COMM (L)
79	AV COMM (R)
80	P
81	L
82	B
86	SHEILD
87	L
88	P
92	R
93	V
94	BG
95	G
96	Y

Terminal Color Of No.	Signal Name [Specification]
65	PARKING BRAKE SIGNAL
67	COMPOSITE IMAGE SIGNAL GND
68	COMPOSITE IMAGE SIGNAL
71	SHEILD
72	R
73	R
74	P
75	LG
76	LG
79	R
80	G
81	BG
82	R
83	SHEILD
87	G
88	SHEILD
89	G
90	L
91	SB
92	SB

JRJWC0922GB

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

BCM (BODY CONTROL MODULE)

Reference Value

INFOID:0000000009359464

VALUES ON THE DIAGNOSIS TOOL

NOTE:

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

CONSULT MONITOR ITEM

Monitor Item	Condition	Value/Status
FR WIPER HI	Other than front wiper switch HI	Off
	Front wiper switch HI	On
FR WIPER LOW	Other than front wiper switch LO	Off
	Front wiper switch LO	On
FR WASHER SW	Front washer switch OFF	Off
	Front washer switch ON	On
FR WIPER INT	Other than front wiper switch INT	Off
	Front wiper switch INT	On
FR WIPER STOP	Front wiper is not in STOP position	Off
	Front wiper is in STOP position	On
INT VOLUME	Wiper intermittent dial is in a dial position 1 - 7	Wiper intermittent dial position
RR WIPER ON	Other than rear wiper switch ON	Off
	Rear wiper switch ON	On
RR WIPER INT	Other than rear wiper switch INT	Off
	Rear wiper switch INT	On
RR WASHER SW	Rear washer switch OFF	Off
	Rear washer switch ON	On
RR WIPER STOP	Rear wiper is in STOP position	Off
	Rear wiper is not in STOP position	On
TURN SIGNAL R	Other than turn signal switch RH	Off
	Turn signal switch RH	On
TURN SIGNAL L	Other than turn signal switch LH	Off
	Turn signal switch LH	On
TAIL LAMP SW	Other than lighting switch 1ST and 2ND	Off
	Lighting switch 1ST or 2ND	On
HI BEAM SW	Other than lighting switch HI	Off
	Lighting switch HI	On
HEAD LAMP SW 1	Other than lighting switch 2ND	Off
	Lighting switch 2ND	On
HEAD LAMP SW 2	Other than lighting switch 2ND	Off
	Lighting switch 2ND	On
PASSING SW	Other than lighting switch PASS	Off
	Lighting switch PASS	On
AUTO LIGHT SW	Other than lighting switch AUTO	Off
	Lighting switch AUTO	On

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Monitor Item	Condition	Value/Status
FR FOG SW	Front fog lamp switch OFF	Off
	Front fog lamp switch ON	On
RR FOG SW	NOTE: The item is indicated, but not monitored.	Off
DOOR SW-DR	Driver door closed	Off
	Driver door opened	On
DOOR SW-AS	Passenger door closed	Off
	Passenger door opened	On
DOOR SW-RR	Rear RH door closed	Off
	Rear RH door opened	On
DOOR SW-RL	Rear LH door closed	Off
	Rear LH door opened	On
DOOR SW-BK	Back door closed	Off
	Back door opened	On
CDL LOCK SW	Other than power door lock switch LOCK	Off
	Power door lock switch LOCK	On
CDL UNLOCK SW	Other than power door lock switch UNLOCK	Off
	Power door lock switch UNLOCK	On
KEY CYL LK-SW	Other than driver door key cylinder LOCK position	Off
	Driver door key cylinder LOCK position	On
KEY CYL UN-SW	Other than driver door key cylinder UNLOCK position	Off
	Driver door key cylinder UNLOCK position	On
KEY CYL SW-TR	NOTE: The item is indicated, but not monitored.	Off
HAZARD SW	Hazard switch is OFF	Off
	Hazard switch is ON	On
REAR DEF SW	NOTE: The item is indicated, but not monitored.	Off
TR CANCEL SW	NOTE: The item is indicated, but not monitored.	Off
TR/BD OPEN SW	Back door opener switch OFF	Off
	While the back door opener switch is turned ON	On
TRNK/HAT MNTR	NOTE: The item is indicated, but not monitored.	Off
REVERSE SW	NOTE: The item is indicated, but not monitored.	Off
RKE-LOCK	LOCK button of the key is not pressed	Off
	LOCK button of the key is pressed	On
RKE-UNLOCK	UNLOCK button of the key is not pressed	Off
	UNLOCK button of the key is pressed	On
RKE-TR/BD	NOTE: The item is indicated, but not monitored.	Off
RKE-PANIC	PANIC button of the key is not pressed	Off
	PANIC button of the key is pressed	On
RKE-P/W OPEN	UNLOCK button of the key is not pressed	Off
	UNLOCK button of the key is pressed and held	On

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P

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Monitor Item	Condition	Value/Status
RKE-MODE CHG	LOCK/UNLOCK button of the key is not pressed and held simultaneously	Off
	LOCK/UNLOCK button of the key is pressed and held simultaneously	On
OPTICAL SENSOR	Bright outside of the vehicle	Close to 5 V
	Dark outside of the vehicle	Close to 0 V
REQ SW -DR	Driver door request switch is not pressed	Off
	Driver door request switch is pressed	On
REQ SW -AS	Passenger door request switch is not pressed	Off
	Passenger door request switch is pressed	On
REQ SW -RR	NOTE: The item is indicated, but not monitored.	Off
REQ SW -RL	NOTE: The item is indicated, but not monitored.	Off
REQ SW -BD/TR	Back door request switch is not pressed	Off
	Back door request switch is pressed	On
PUSH SW	Push-button ignition switch (push switch) is not pressed	Off
	Push-button ignition switch (push switch) is pressed	On
IGN RLY2 -F/B	NOTE: The item is indicated, but not monitored.	Off
ACC RLY -F/B	NOTE: The item is indicated, but not monitored.	Off
CLUCH SW	NOTE: The item is indicated, but not monitored.	Off
BRAKE SW 1	The brake pedal is depressed when No. 7 fuse is blown	Off
	The brake pedal is not depressed when No. 7 fuse is blown, or No. 7 fuse is normal	On
BRAKE SW 2	The brake pedal is not depressed	Off
	The brake pedal is depressed	On
DETE/CANCL SW	Selector lever in P position	Off
	Selector lever in any position other than P	On
SFT PN/N SW	Selector lever in any position other than P and N	Off
	Selector lever in P or N position	On
S/L -LOCK	NOTE: The item is indicated, but not monitored.	Off
S/L -UNLOCK	NOTE: The item is indicated, but not monitored.	Off
S/L RELAY-F/B	NOTE: The item is indicated, but not monitored.	Off
UNLK SEN -DR	Driver door is unlocked	Off
	Driver door is locked	On
PUSH SW -IPDM	Push-button ignition switch (push-switch) is not pressed	Off
	Push-button ignition switch (push-switch) is pressed	On
IGN RLY1 -F/B	Ignition switch in OFF or ACC position	Off
	Ignition switch in ON position	On
DETE SW -IPDM	Selector lever in any position other than P	Off
	Selector lever in P position	On
SFT PN -IPDM	Selector lever in any position other than P and N	Off
	Selector lever in P or N position	On

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Monitor Item	Condition	Value/Status
SFT P -MET	Selector lever in any position other than P	Off
	Selector lever in P position	On
SFT N -MET	Selector lever in any position other than N	Off
	Selector lever in N position	On
ENGINE STATE	Engine stopped	Stop
	While the engine stalls	Stall
	At engine cranking	Crank
	Engine running	Run
S/L LOCK-IPDM	NOTE: The item is indicated, but not monitored.	Off
S/L UNLK-IPDM	NOTE: The item is indicated, but not monitored.	Off
S/L RELAY-REQ	NOTE: The item is indicated, but not monitored.	Off
VEH SPEED 1	While driving	Equivalent to speedometer reading
VEH SPEED 2	While driving	Equivalent to speedometer reading
DOOR STAT-DR	Driver door is locked	LOCK
	Wait with selective UNLOCK operation (5 seconds)	READY
	Driver door is unlocked	UNLOCK
DOOR STAT-AS	Passenger door is locked	LOCK
	Wait with selective UNLOCK operation (5 seconds)	READY
	Passenger door is unlocked	UNLOCK
ID OK FLAG	Driver side door is open after ignition switch is turned OFF (Shift position is in the P position)	Reset
	Ignition switch ON	Set
PRMT ENG STRT	The engine start is prohibited	Reset
	The engine start is permitted	Set
PRMT RKE STRT	NOTE: The item is indicated, but not monitored.	Reset
KEY SW -SLOT	The key is not inserted into key slot	Off
	The key is inserted into key slot	On
RKE OPE COUN1	During the operation of the key	Operation frequency of the key
RKE OPE COUN2	NOTE: The item is indicated, but not monitored.	—
CONFIRM ID ALL	The key ID that the key slot receives does not accord with any key ID registered to BCM.	Yet
	The key ID that the key slot receives accords with any key ID registered to BCM.	Done
CONFIRM ID4	The key ID that the key slot receives does not accord with the fourth key ID registered to BCM.	Yet
	The key ID that the key slot receives accords with the fourth key ID registered to BCM.	Done
CONFIRM ID3	The key ID that the key slot receives does not accord with the third key ID registered to BCM.	Yet
	The key ID that the key slot receives accords with the third key ID registered to BCM.	Done

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BCM (BODY CONTROL MODULE)

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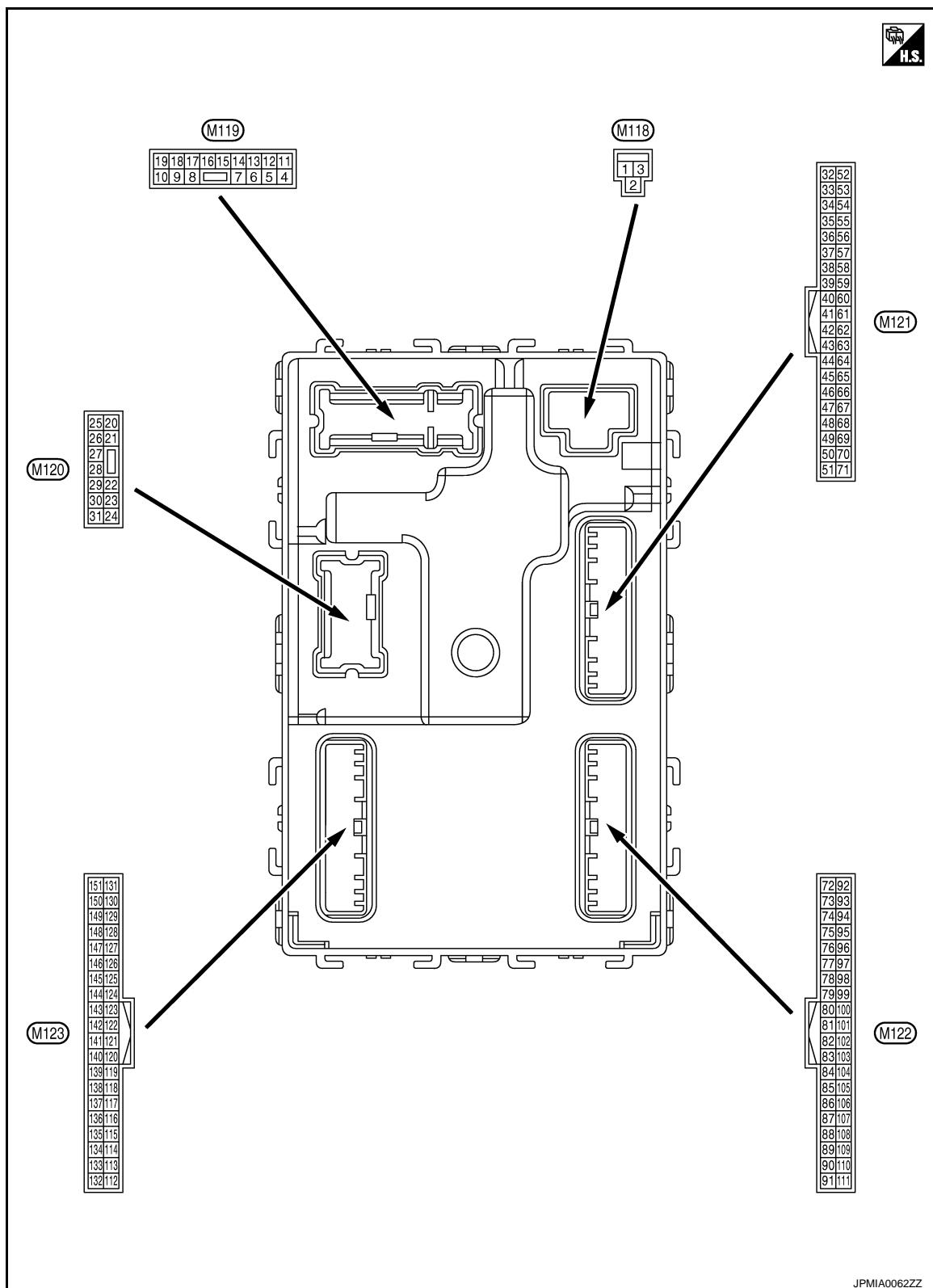
Monitor Item	Condition	Value/Status
CONFIRM ID2	The key ID that the key slot receives does not accord with the second key ID registered to BCM.	Yet
	The key ID that the key slot receives accords with the second key ID registered to BCM.	Done
CONFIRM ID1	The key ID that the key slot receives does not accord with the first key ID registered to BCM.	Yet
	The key ID that the key slot receives accords with the first key ID registered to BCM.	Done
TP 4	The ID of fourth key is not registered to BCM	Yet
	The ID of fourth key is registered to BCM	Done
TP 3	The ID of third key is not registered to BCM	Yet
	The ID of third key is registered to BCM	Done
TP 2	The ID of second key is not registered to BCM	Yet
	The ID of second key is registered to BCM	Done
TP 1	The ID of first key is not registered to BCM	Yet
	The ID of first key is registered to BCM	Done
AIR PRESS FL	Ignition switch ON (Only when the signal from the transmitter is received)	Air pressure of front LH tire
AIR PRESS FR	Ignition switch ON (Only when the signal from the transmitter is received)	Air pressure of front RH tire
AIR PRESS RR	Ignition switch ON (Only when the signal from the transmitter is received)	Air pressure of rear RH tire
AIR PRESS RL	Ignition switch ON (Only when the signal from the transmitter is received)	Air pressure of rear LH tire
ID REGST FL1	ID of front LH tire transmitter is registered	Done
	ID of front LH tire transmitter is not registered	Yet
ID REGST FR1	ID of front RH tire transmitter is registered	Done
	ID of front RH tire transmitter is not registered	Yet
ID REGST RR1	ID of rear RH tire transmitter is registered	Done
	ID of rear RH tire transmitter is not registered	Yet
ID REGST RL1	ID of rear LH tire transmitter is registered	Done
	ID of rear LH tire transmitter is not registered	Yet
WARNING LAMP	Tire pressure indicator OFF	Off
	Tire pressure indicator ON	On
BUZZER	Tire pressure warning alarm is not sounding	Off
	Tire pressure warning alarm is sounding	On

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

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TERMINAL LAYOUT



PHYSICAL VALUES

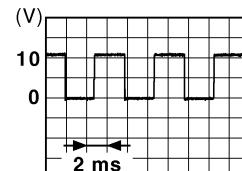
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BCM (BODY CONTROL MODULE)

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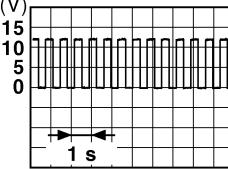
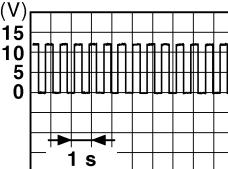
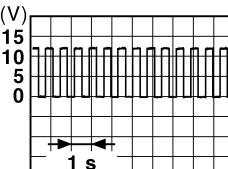
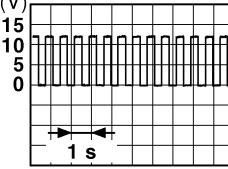
Terminal No. (Wire color)		Description		Condition	Value (Approx.)
+	-	Signal name	Input/ Output		
1 (W)	Ground	Battery power supply	Input	Ignition switch OFF	Battery voltage
2 (W)	Ground	P/W power supply (BAT)	Output	Ignition switch OFF	Battery voltage
3 (Y)	Ground	P/W power supply (RAP)	Output	Ignition switch ON	Battery voltage
4 (LG)	Ground	Interior room lamp power supply	Output	Interior room lamp battery saver is activated. (Cuts the interior room lamp power supply)	0 V
				Interior room lamp battery saver is not activated. (Outputs the interior room lamp power supply)	Battery voltage
5 (L)	Ground	Passenger door UN- LOCK	Output	Passenger door	UNLOCK (Actuator is activated)
					0 V
7 (Y)	Ground	Step lamp	Output	Step lamp	ON
					0 V
8 (V)	Ground	All doors, fuel lid LOCK	Output	All doors	LOCK (Actuator is activated)
					0 V
9 (G)	Ground	Driver door, fuel lid UNLOCK	Output	Driver door	UNLOCK (Actuator is activated)
					0 V
10 (BR)	Ground	Rear RH door and rear LH door UN- LOCK	Output	Rear RH door and rear LH door	UNLOCK (Actuator is activated)
					0 V
11 (R)	Ground	Battery power supply	Input	Ignition switch OFF	
13 (B)	Ground	Ground	—	Ignition switch ON	
14 (W)	Ground	Push-button ignition switch illumination ground	Output	Tail lamp	OFF
					ON
15 (Y)	Ground	ACC indicator lamp	Output	Ignition switch	OFF or ON
					ACC



BCM (BODY CONTROL MODULE)

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

Terminal No. (Wire color)		Description		Condition		Value (Approx.)
+	-	Signal name	Input/ Output			
17 (W)	Ground	Turn signal RH (Front)	Output	Ignition switch ON	Turn signal switch OFF	0 V
					Turn signal switch RH	 PKID0926E 6.5 V
18 (BG)	Ground	Turn signal LH (Front)	Output	Ignition switch ON	Turn signal switch OFF	0 V
					Turn signal switch LH	 PKID0926E 6.5 V
19 (V)	Ground	Room lamp timer control	Output	Interior room lamp	OFF	Battery voltage
					ON	0 V
20 (V)	Ground	Turn signal RH (Rear)	Output	Ignition switch ON	Turn signal switch OFF	0 V
					Turn signal switch RH	 PKID0926E 6.5 V
23 (G)	Ground	Back door open	Output	Back door	OPEN (Back door opener actuator is activated)	Battery voltage
					Other than OPEN (Back door opener actuator is not activated)	0 V
25 (G)	Ground	Turn signal LH (Rear)	Output	Ignition switch ON	Turn signal switch OFF	0 V
					Turn signal switch LH	 PKID0926E 6.5 V
26 (G)	Ground	Rear wiper	Output	Rear wiper	OFF (Stopped)	0 V
					ON (Operated)	Battery voltage

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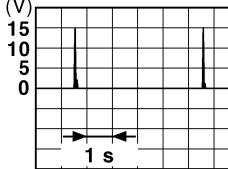
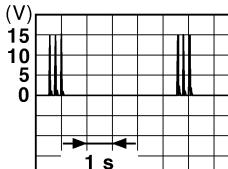
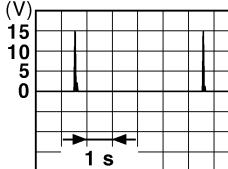
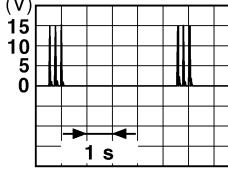
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BCM (BODY CONTROL MODULE)

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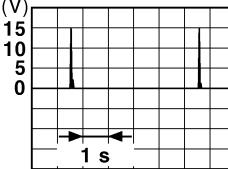
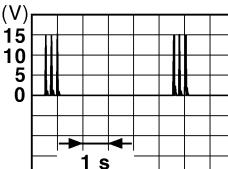
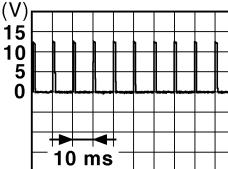
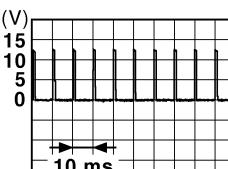
[WITH ADP]

Terminal No. (Wire color)	Description		Condition	Value (Approx.)
	Signal name	Input/ Output		
+	-			
34 (SB)	Ground	Luggage room antenna (-)	Output Ignition switch OFF	When Intelligent Key is in the passenger compartment
				 JKMKA0062GB
35 (V)	Ground	Luggage room antenna (+)	Output Ignition switch OFF	When Intelligent Key is not in the passenger compartment
				 JKMKA0063GB
38 (B)	Ground	Back door antenna (-)	Output When the back door opener re- quest switch is operated with ig- nition switch OFF	When Intelligent Key is in the antenna detection area
				 JKMKA0062GB
				When Intelligent Key is not in the antenna detection area
				 JKMKA0063GB

BCM (BODY CONTROL MODULE)

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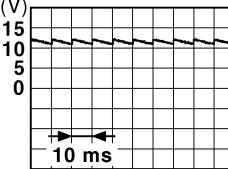
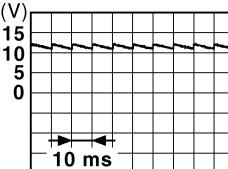
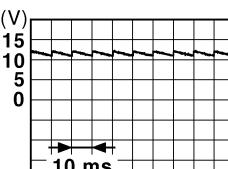
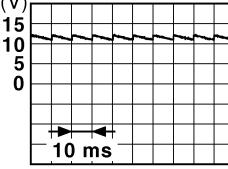
< ECU DIAGNOSIS INFORMATION >

Terminal No. (Wire color)		Description		Condition		Value (Approx.)
+	-	Signal name	Input/ Output			
39 (W)	Ground	Back door antenna (+)	Output	When the back door opener request switch is operated with ignition switch OFF	When Intelligent Key is in the antenna detection area	 JMKIA0062GB
					When Intelligent Key is not in the antenna detection area	 JMKIA0063GB
47 (Y)	Ground	Ignition relay (IPDM E/R) control	Output	Ignition switch	OFF or ACC	Battery voltage
					ON	0 V
52 (SB)	Ground	Starter relay control	Output	Ignition switch ON	When selector lever is in P or N position	Battery voltage
					When selector lever is not in P or N position	0 V
60 (BR)	Ground	Push-button ignition switch (Push switch)	Input	Push-button ignition switch (push switch)	Pressed	0 V
					Not pressed	Battery voltage
61 (W)	Ground	Back door opener request switch	Input	Back door opener request switch	ON (Pressed)	0 V
					OFF (Not pressed)	 JPMIA0016GB 1.0 V
64 (V)	Ground	Intelligent Key warning buzzer (Engine room)	Output	Intelligent Key warning buzzer (Engine room)	Sounding	0 V
					Not sounding	Battery voltage
65 (BG)	Ground	Rear wiper stop position	Input	Rear wiper	In stop position	 JPMIA0016GB 1.0 V
					Not in stop position	0 V

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

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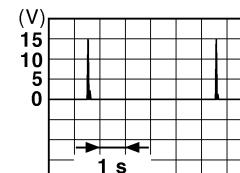
Terminal No. (Wire color)	Description		Condition	Value (Approx.)
	Signal name	Input/ Output		
+	-			
66 (R)	Ground	Back door switch	Input	Back door switch
				OFF (Door close)  <small>JPMIA0011GB</small> <small>11.8 V</small>
67 (GR)	Ground	Back door opener switch	Input	Back door opener switch
				Pressed  <small>JPMIA0011GB</small> <small>11.8 V</small>
68 (BR)	Ground	Rear RH door switch	Input	Rear RH door switch
				OFF (Door close)  <small>JPMIA0011GB</small> <small>11.8 V</small>
69 (R)	Ground	Rear LH door switch	Input	Rear LH door switch
				OFF (Door close)  <small>JPMIA0011GB</small> <small>11.8 V</small>
				ON (Door open) <small>0 V</small>
				ON (Door open) <small>0 V</small>

BCM (BODY CONTROL MODULE)

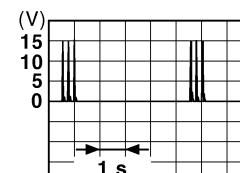
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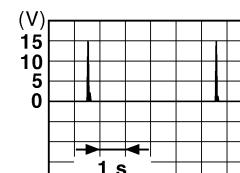
Terminal No. (Wire color)	Description		Condition	Value (Approx.)
	Signal name	Input/ Output		
+	-			
74 (SB)	Ground	Passenger door antenna (-)	Output	When Intelligent Key is in the antenna detection area
				When the passenger door request switch is operated with ignition switch OFF
75 (GR)	Ground	Passenger door antenna (+)	Output	When Intelligent Key is in the antenna detection area
				When the passenger door request switch is operated with ignition switch OFF
76 (V)	Ground	Driver door antenna (-)	Output	When Intelligent Key is in the antenna detection area
				When the driver door request switch is operated with ignition switch OFF



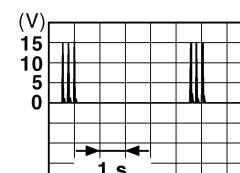
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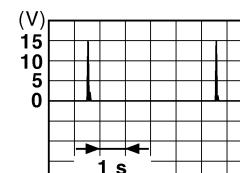
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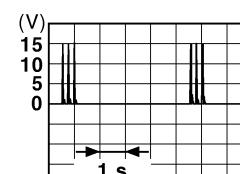
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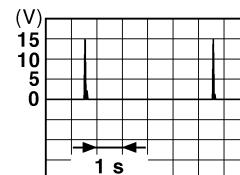
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BCM (BODY CONTROL MODULE)

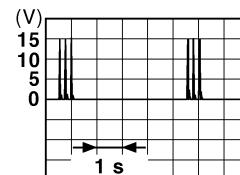
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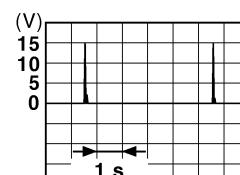
Terminal No. (Wire color)	Description		Condition	Value (Approx.)
	Signal name	Input/ Output		
+	-			
77 (LG)	Ground	Driver door antenna (+)	Output	When Intelligent Key is in the antenna detection area
				When the driver door request switch is oper- ated with ignition switch OFF
78 (Y)	Ground	Room antenna 1 (-) (Instrument panel)	Output	When Intelligent Key is not in the antenna detection area
				When Intelligent Key is in the passenger compart- ment
79 (BR)	Ground	Room antenna 1 (+) (Instrument panel)	Output	When Intelligent Key is not in the passenger compart- ment
				When Intelligent Key is in the passenger compart- ment



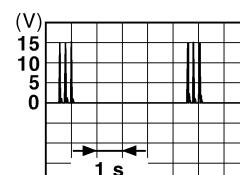
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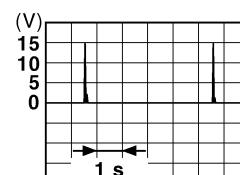
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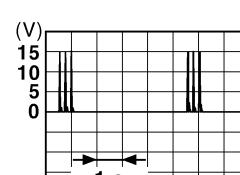
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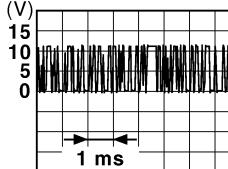
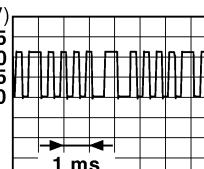


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BCM (BODY CONTROL MODULE)

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< ECU DIAGNOSIS INFORMATION >

Terminal No. (Wire color)	Description		Condition	Value (Approx.)
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80 (GR)	Ground	NATS antenna amp.	Input/ Output	During waiting Ignition switch is pressed while inserting the key into the key slot. Just after pressing ignition switch. Pointer of tester should move.
81 (W)	Ground	NATS antenna amp.	Input/ Output	During waiting Ignition switch is pressed while inserting the key into the key slot. Just after pressing ignition switch. Pointer of tester should move.
82 (R)	Ground	Ignition relay [Fuse block (J/B)] control	Output	Ignition switch OFF or ACC 0 V ON Battery voltage
83 (Y)	Ground	Remote keyless entry receiver communication	Input/ Output	During waiting  JMKA0064GB
				When operating either button on the key  JMKA0065GB

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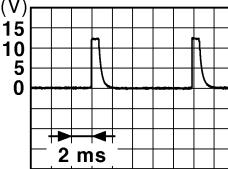
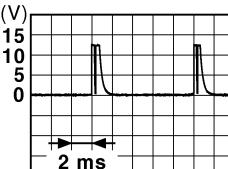
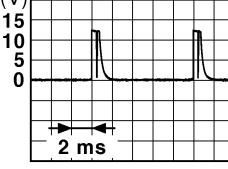
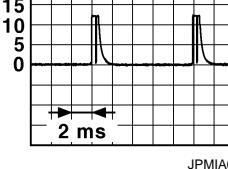
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BCM (BODY CONTROL MODULE)

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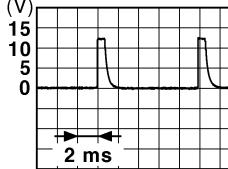
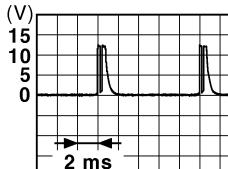
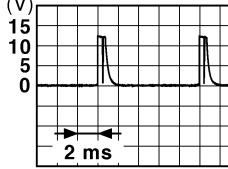
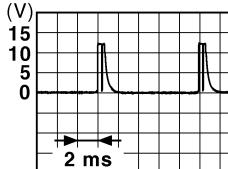
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Terminal No. (Wire color)	Description		Condition	Value (Approx.)
	Signal name	Input/ Output		
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87 (BR)	Ground	Combination switch INPUT 5	Input Combination switch	All switches OFF (Wiper intermittent dial 4)
				 JPMIA0041GB 1.4 V
				 JPMIA0037GB 1.3 V
				 JPMIA0039GB 1.3 V
				 JPMIA0040GB 1.3 V

BCM (BODY CONTROL MODULE)

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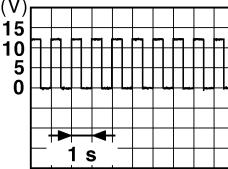
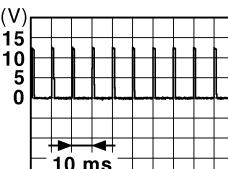
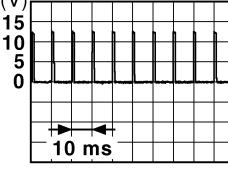
< ECU DIAGNOSIS INFORMATION >

Terminal No. (Wire color)	Description		Condition	Value (Approx.)	
	Signal name	Input/ Output			
88 (V)	Ground	Combination switch INPUT 3	Input	Combination switch	All switches OFF (Wiper intermittent dial 4)
					 JPMIA0041GB 1.4 V
					Lighting switch HI (Wiper intermittent dial 4)
					 JPMIA0036GB 1.3 V
					Lighting switch 2ND (Wiper intermittent dial 4)
90 (P)	Ground	CAN-L	Input/ Output	—	Rear washer switch ON (Wiper intermittent dial 4)
					 JPMIA0039GB 1.3 V
					Any of the conditions below with all switches OFF • Wiper intermittent dial 1 • Wiper intermittent dial 2 • Wiper intermittent dial 3
					 JPMIA0040GB 1.3 V
					—
91 (L)	Ground	CAN-H	Input/ Output	—	—

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

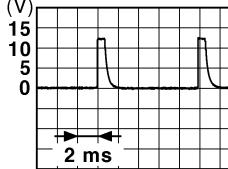
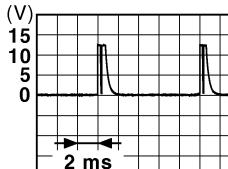
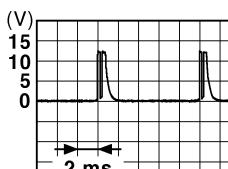
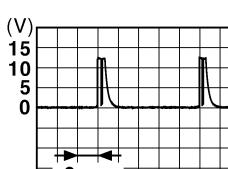
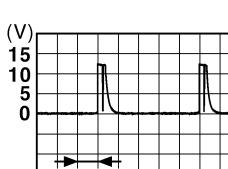
[WITH ADP]

Terminal No. (Wire color)		Description		Condition		Value (Approx.)
+	-	Signal name	Input/ Output			
92 (LG)	Ground	Key slot illumination	Output	Key slot illumination	OFF	Battery voltage
					Blinking	 JPMIA0015GB
					ON	6.5 V
93 (V)	Ground	ON indicator lamp	Output	Ignition switch	OFF or ACC	Battery voltage
					ON	0 V
94 (Y)	Ground	Puddle lamp control	Output	Puddle lamp	OFF	Battery voltage
					ON	0 V
95 (BG)	Ground	ACC relay control	Output	Ignition switch	OFF	0 V
					ACC or ON	Battery voltage
96 (GR)	Ground	A/T shift selector (Detention switch) power supply	Output	—		Battery voltage
99 (R)	Ground	Selector lever P position switch	Input	Selector lever	P position	0 V
					Any position other than P	Battery voltage
100 (G)	Ground	Passenger door request switch	Input	Passenger door request switch	ON (Pressed)	0 V
					OFF (Not pressed)	 JPMIA0016GB
						1.0 V
101 (SB)	Ground	Driver door request switch	Input	Driver door request switch	ON (Pressed)	0 V
					OFF (Not pressed)	 JPMIA0016GB
						1.0 V
102 (BG)	Ground	Blower fan motor relay control	Output	Ignition switch	OFF or ACC	0 V
					ON	Battery voltage
103 (LG)	Ground	Remote keyless entry receiver power supply	Output	Ignition switch OFF		Battery voltage

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

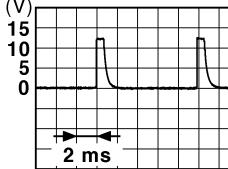
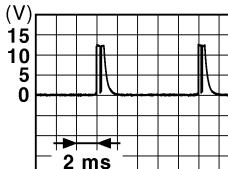
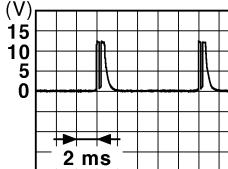
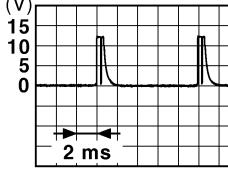
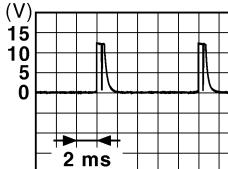
[WITH ADP]

Terminal No. (Wire color)	Description		Condition	Value (Approx.)	
	Signal name	Input/ Output			
+	-				
107 (LG)	Ground	Combination switch INPUT 1	Combination switch (Wiper intermit- tent dial 4)	All switches OFF	 JPMIA0041GB 1.4 V
				Turn signal switch LH	 JPMIA0037GB 1.3 V
				Turn signal switch RH	 JPMIA0036GB 1.3 V
				Front wiper switch LO	 JPMIA0038GB 1.3 V
				Front washer switch ON	 JPMIA0039GB 1.3 V

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

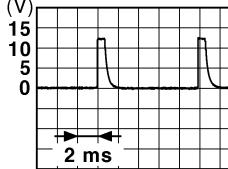
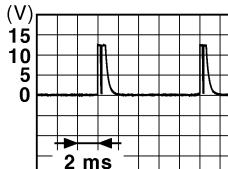
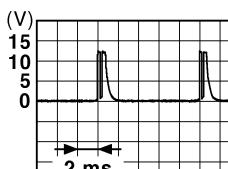
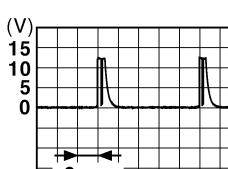
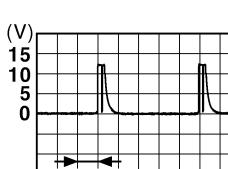
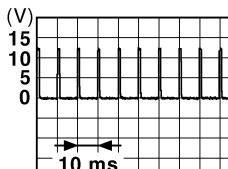
[WITH ADP]

Terminal No. (Wire color)	Description		Condition	Value (Approx.)
	Signal name	Input/ Output		
+	-			
108 (R)	Ground	Combination switch INPUT 4	Input Combination switch	All switches OFF (Wiper intermittent dial 4)
				 1.4 V JPMIA0041GB
				Lighting switch AUTO (Wiper intermittent dial 4)
				 1.3 V JPMIA0038GB
				Lighting switch 1ST (Wiper intermittent dial 4)
				 1.3 V JPMIA0036GB
				Rear wiper switch INT (Wiper intermittent dial 4)
				 1.3 V JPMIA0040GB
				Any of the conditions below with all switches OFF • Wiper intermittent dial 1 • Wiper intermittent dial 5 • Wiper intermittent dial 6
				 1.3 V JPMIA0039GB

BCM (BODY CONTROL MODULE)

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

Terminal No. (Wire color)	Description		Condition	Value (Approx.)	
	Signal name	Input/ Output			
109 (Y)	Ground	Combination switch INPUT 2	Input Combination switch (Wiper intermittent dial 4)	All switches OFF	 (V) 15 10 5 0 2 ms
				Lighting switch PASS	 (V) 15 10 5 0 2 ms
				Lighting switch 2ND	 (V) 15 10 5 0 2 ms
				Front wiper switch INT	 (V) 15 10 5 0 2 ms
				Front wiper switch HI	 (V) 15 10 5 0 2 ms
110 (G)	Ground	Hazard switch	Input Hazard switch	ON	0 V
				OFF	 (V) 15 10 5 0 10 ms

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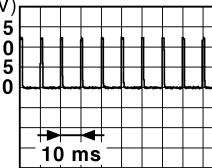
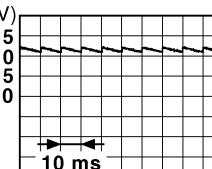
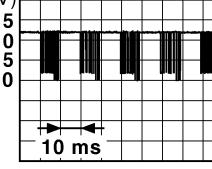
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BCM (BODY CONTROL MODULE)

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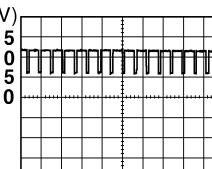
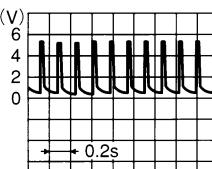
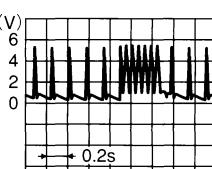
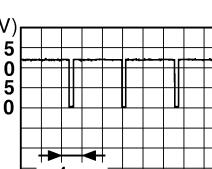
[WITH ADP]

Terminal No. (Wire color)		Description		Condition		Value (Approx.)	
+	-	Signal name	Input/ Output				
113 (P)	Ground	Optical sensor	Input	Ignition switch ON	When bright outside of the vehicle	Close to 5 V	
					When dark outside of the vehicle	Close to 0 V	
116 (SB)	Ground	Stop lamp switch 1	Input	—		Battery voltage	
118 (P)	Ground	Stop lamp switch 2 (Without ICC)	Input	Stop lamp switch	OFF (Brake pedal is not depressed)	0 V	
					ON (Brake pedal is depressed)	Battery voltage	
		Stop lamp switch 2 (With ICC)		Stop lamp switch OFF (Brake pedal is not depressed) and ICC brake hold relay OFF		0 V	
				Stop lamp switch ON (Brake pedal is depressed) or ICC brake hold relay ON		Battery voltage	
119 (SB)	Ground	Front door lock assembly driver side (Unlock sensor)	Input	Driver door	LOCK status (Unlock sensor switch OFF)	 JPMIA0012GB 1.1 V	
					UNLOCK status (Unlock switch sensor ON)	0 V	
121 (BR)	Ground	Key slot switch	Input	When the key is inserted into key slot		Battery voltage	
				When the key is not inserted into key slot		0 V	
123 (W)	Ground	IGN feedback	Input	Ignition switch	OFF or ACC	0 V	
					ON	Battery voltage	
124 (LG)	Ground	Passenger door switch	Input	Passenger door switch	OFF (Door close)	 JPMIA0011GB 11.8 V	
					ON (Door open)	0 V	
132 (BR)	Ground	Power window switch communication	Input/ Output	Ignition switch ON		 JPMIA0013GB 10.2 V	
				Ignition switch OFF or ACC		Battery voltage	

BCM (BODY CONTROL MODULE)

[WITH ADP]

< ECU DIAGNOSIS INFORMATION >

Terminal No. (Wire color)		Description		Condition		Value (Approx.)
+	-	Signal name	Input/ Output			
133 (W)	Ground	Push-button ignition switch illumination	Output	Push-button ignition switch illumination	ON (Tail lamps OFF)	9.5 V
					ON (Tail lamps ON)	<p>NOTE: The pulse width of this wave is varied by the illumination brightening/dimming level.</p>  <p>JPMIA0159GB</p>
					OFF	0 V
134 (GR)	Ground	LOCK indicator lamp	Output	LOCK indicator lamp	OFF	Battery voltage
					ON	0 V
137 (BG)	Ground	Receiver and sensor ground	Input	Ignition switch ON		0 V
138 (Y)	Ground	Receiver and sensor power supply	Output	Ignition switch	OFF	0 V
					ACC or ON	5.0 V
139 (L)	Ground	Tire pressure receiver communication	Input/ Output	Ignition switch ON	Standby state	 <p>OCC3881D</p>
					When receiving the signal from the transmitter	 <p>OCC3880D</p>
140 (GR)	Ground	Selector lever P/N position	Input	Selector lever	P or N position	Battery voltage
					Except P and N positions	0 V
141 (G)	Ground	Security indicator	Output	Security indicator	ON	0 V
					Blinking	 <p>JPMIA0014GB</p> <p>11.3 V</p>
					OFF	Battery voltage

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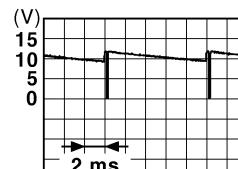
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BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

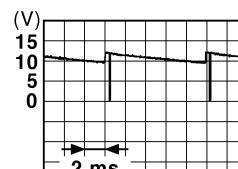
[WITH ADP]

Terminal No. (Wire color)	Description		Condition	Value (Approx.)
	Signal name	Input/ Output		
+	-			
142 (BG)	Ground	Combination switch OUTPUT 5	Combination switch (Wiper intermittent dial 4)	All switches OFF
				Lighting switch 1ST
				Lighting switch HI
				Lighting switch 2ND
				Turn signal switch RH
143 (P)	Ground	Combination switch OUTPUT 1	Combination switch	0 V
				All switches OFF (Wiper intermittent dial 4)
				Front wiper switch HI (Wiper intermittent dial 4)
				Rear wiper switch INT (Wiper intermittent dial 4)
				Any of the conditions below with all switches OFF <ul style="list-style-type: none"> • Wiper intermittent dial 1 • Wiper intermittent dial 2 • Wiper intermittent dial 3 • Wiper intermittent dial 6 • Wiper intermittent dial 7
144 (G)	Ground	Combination switch OUTPUT 2	Combination switch	0 V
				All switches OFF (Wiper intermittent dial 4)
				Front washer switch ON (Wiper intermittent dial 4)
				Rear wiper switch ON (Wiper intermittent dial 4)
				Rear washer switch ON (Wiper intermittent dial 4)
145 (L)	Ground	Combination switch OUTPUT 3	Combination switch (Wiper intermittent dial 4)	Any of the conditions below with all switches OFF <ul style="list-style-type: none"> • Wiper intermittent dial 1 • Wiper intermittent dial 5 • Wiper intermittent dial 6
				All switches OFF
				Front wiper switch INT
				Front wiper switch LO
				Lighting switch AUTO



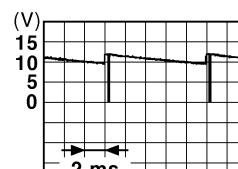
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10.7 V



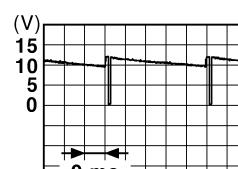
JPMIA0032GB

10.7 V



JPMIA0033GB

10.7 V



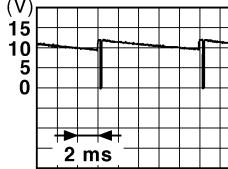
JPMIA0034GB

10.7 V

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Terminal No. (Wire color)	Description		Condition	Value (Approx.)
	+	-		
146 (SB)	Ground	Combination switch OUTPUT 4	Combination switch (Wiper intermittent dial 4)	All switches OFF
				Front fog lamp switch ON
				Lighting switch 2ND
				Lighting switch PASS
				Turn signal switch LH
150 (LG)	Ground	Driver door switch	Driver door switch	 JPMIA0035GB 10.7 V
				OFF (Door close)
				ON (Door open)
151 (G)	Ground	Rear window defogger relay control	Rear window defogger	Active
				Not activated

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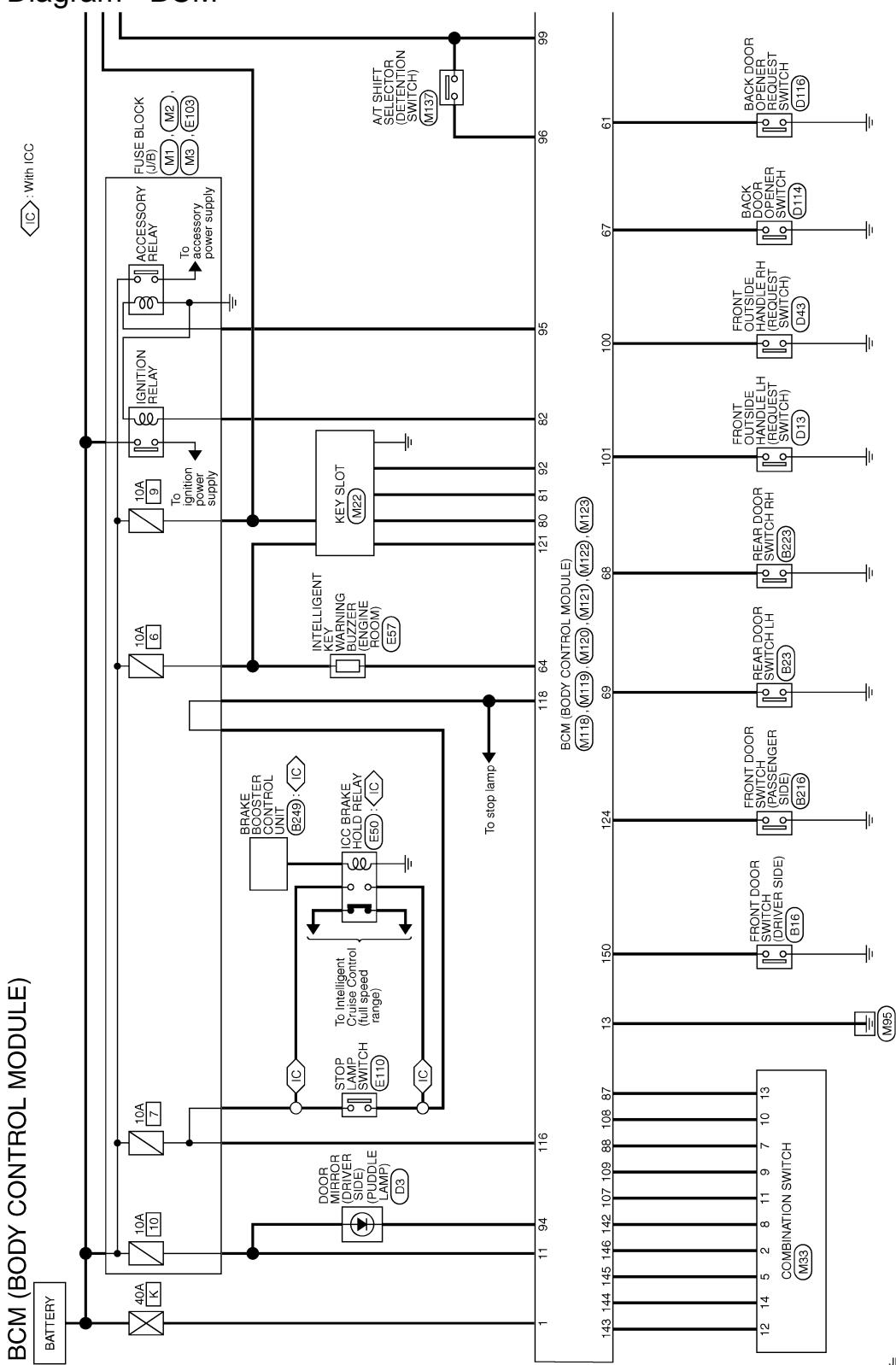
BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Wiring Diagram - BCM -

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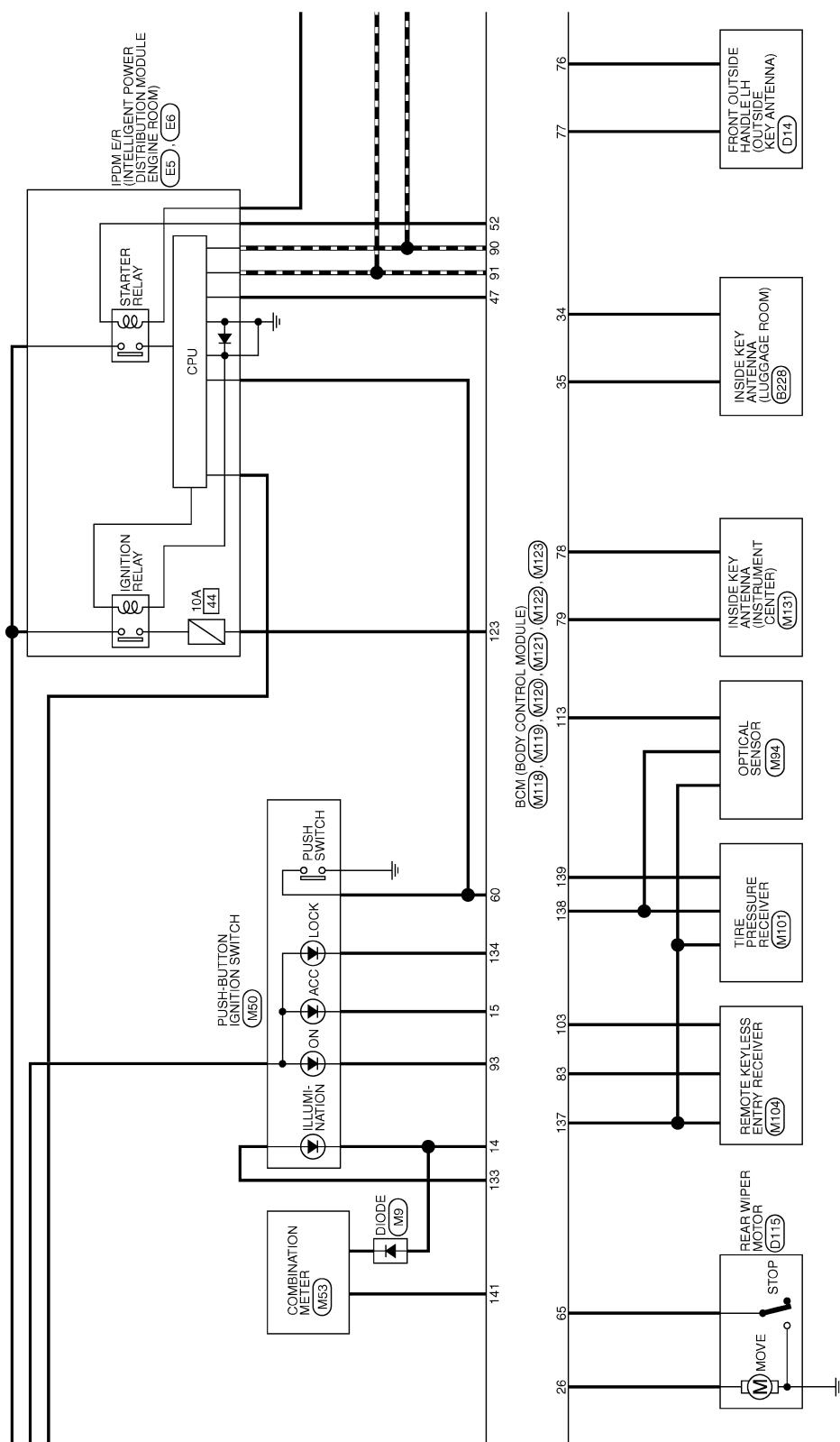


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JRMWD2709GB

BCM (BODY CONTROL MODULE)

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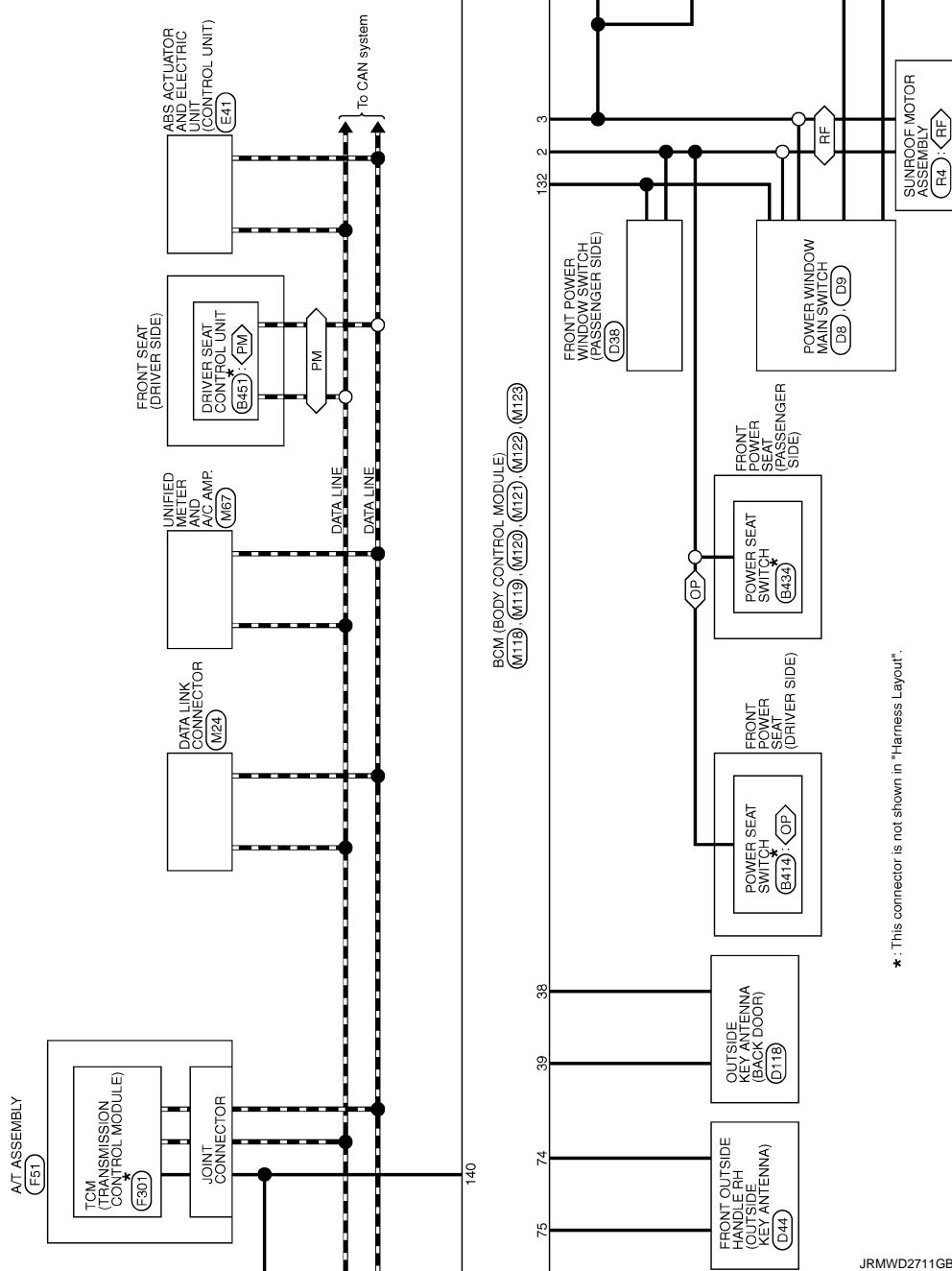
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BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

-  With sunroof
-  With automatic drive positioner
-  Without automatic drive positioner



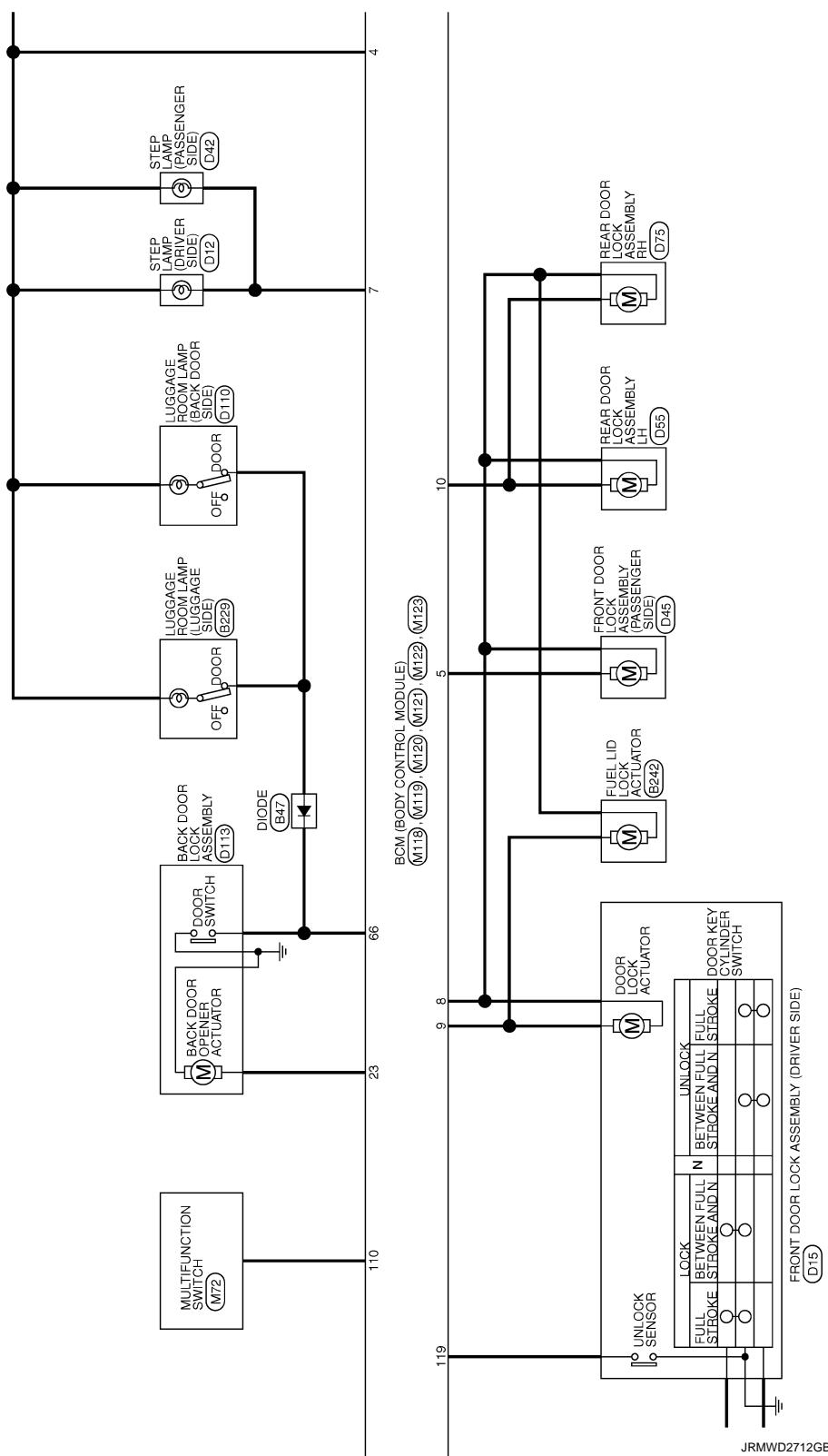
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JRMWD2711GB

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]



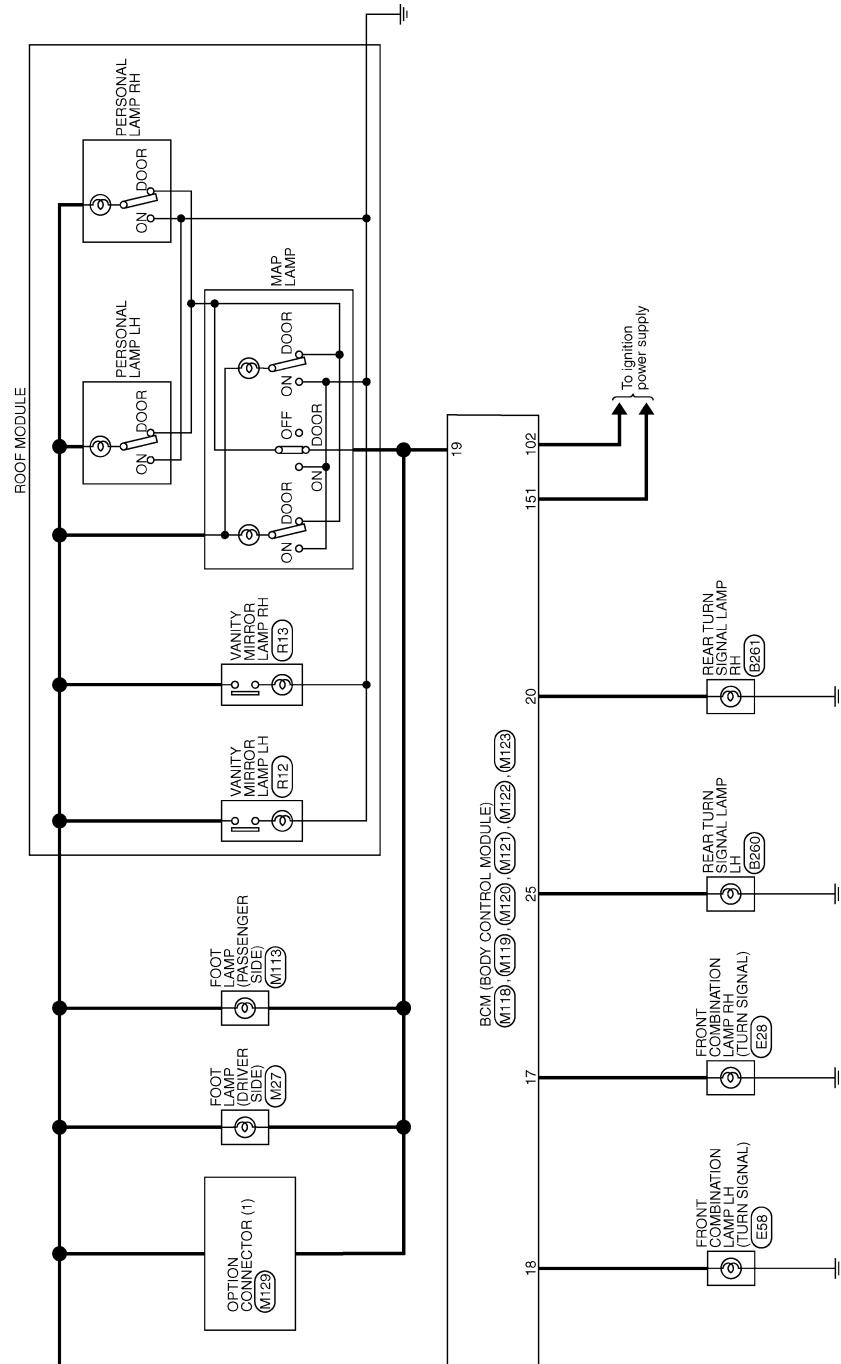
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BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]



JRMWD2713GB

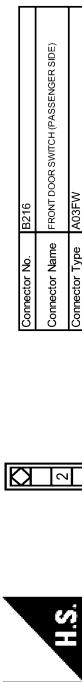
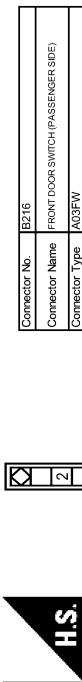
BCM (BODY CONTROL MODULE)

[WITH ADP]

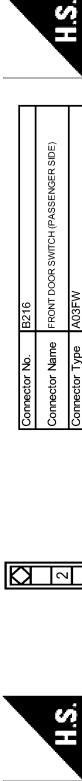
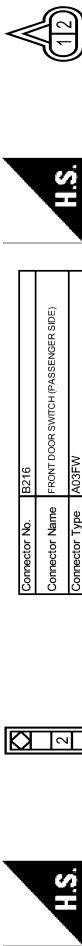
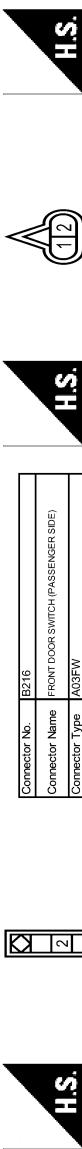
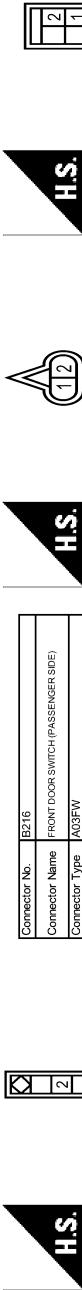
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BCM (BODY CONTROL MODULE)

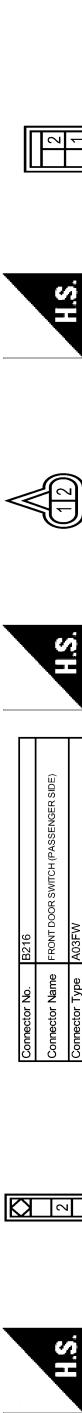
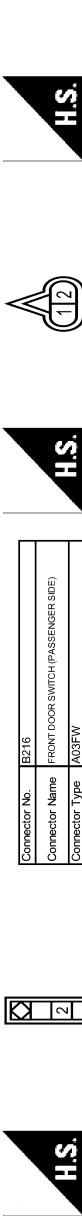
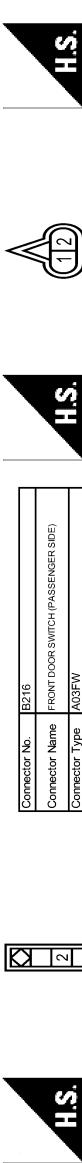
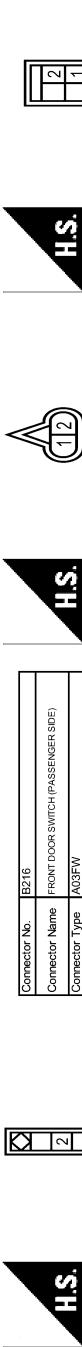
Connector No.	B16	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWITCH (DRIVER SIDE)	1 B	-
Connector Type	A03FW	2 L	-



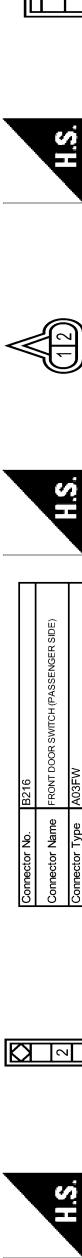
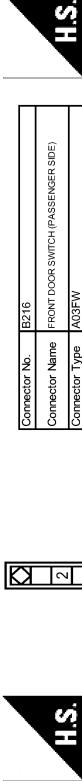
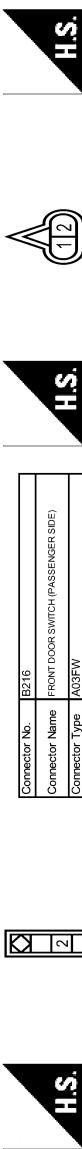
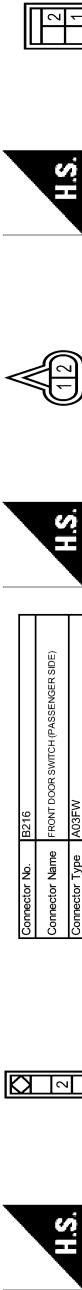
Connector No.	B228	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	INSIDE KEY ANTENNA (LUGGAGE ROOM)	1 -	-
Connector Type	RK021GY	2 -	-



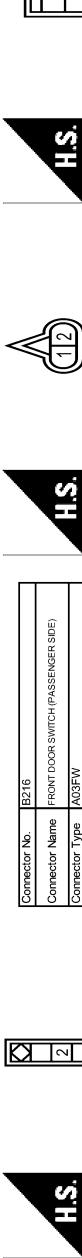
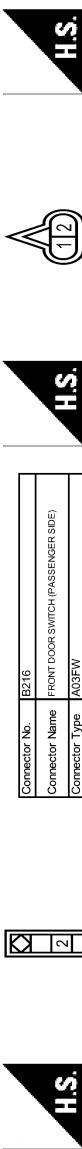
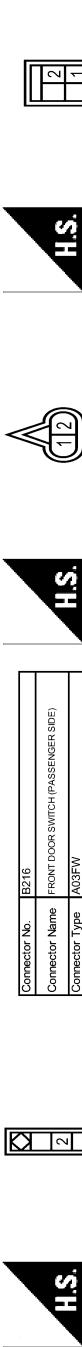
Connector No.	B242	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FUEL LID LOCK ACTUATOR	1 -	-
Connector Type	MM4FWLC	2 -	-



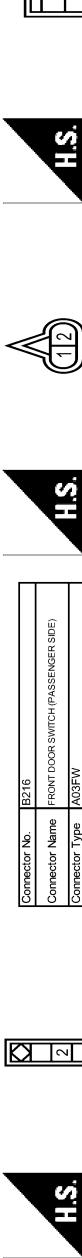
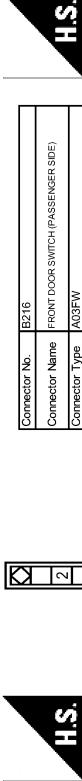
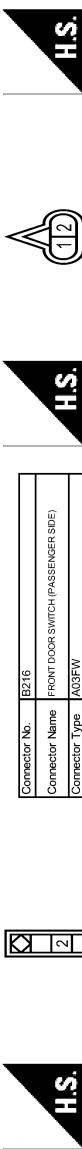
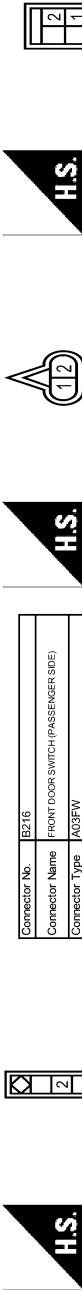
Connector No.	B216	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWITCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



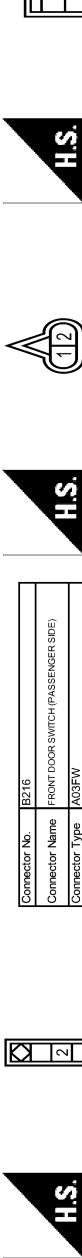
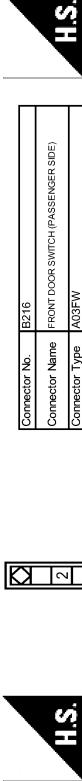
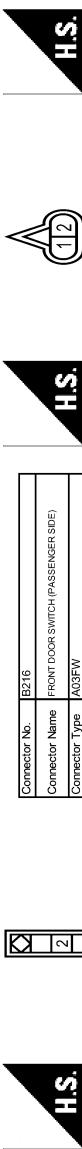
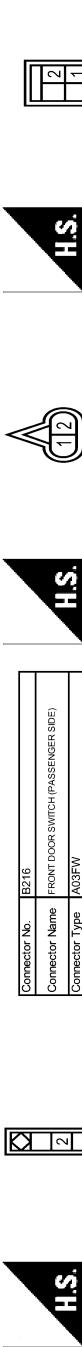
Connector No.	B229	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	LUGGAGE ROOM LAMP (LUGGAGE SIDE)	1 -	-
Connector Type	TK03FW	2 -	-



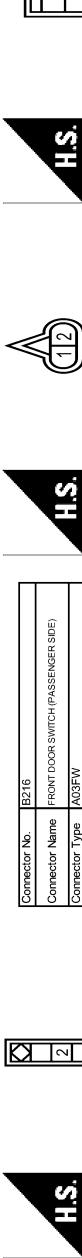
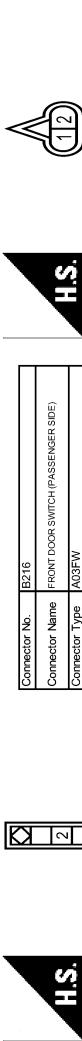
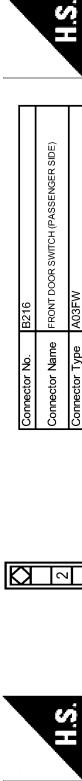
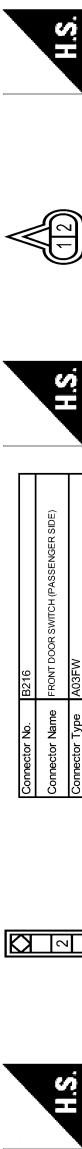
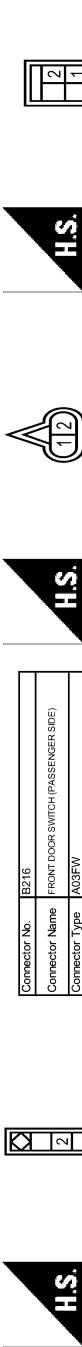
Connector No.	B23	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	REAR DOOR SWITCH LH	1 L	-
Connector Type	A03FW	2 V	-



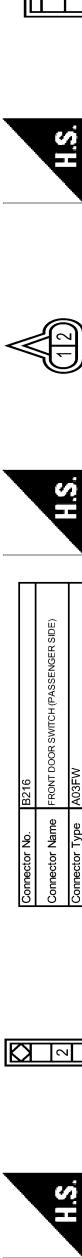
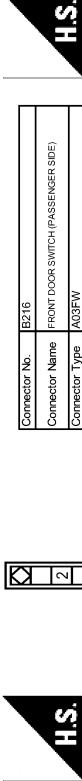
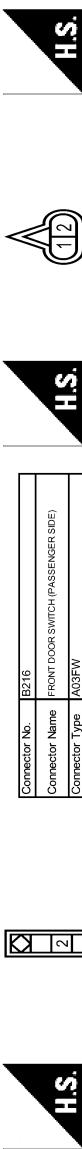
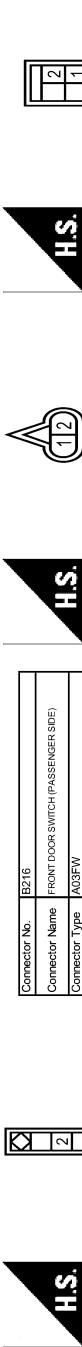
Connector No.	B223	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	REAR DOOR SWITCH RH	1 V	-
Connector Type	A03FW	2 SB	-



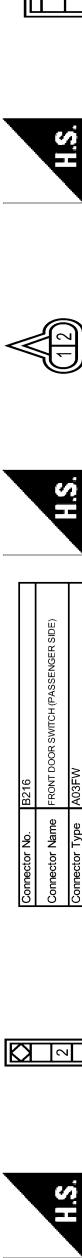
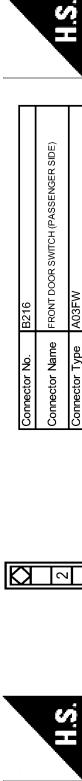
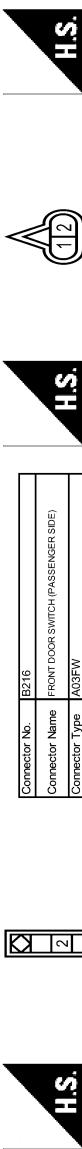
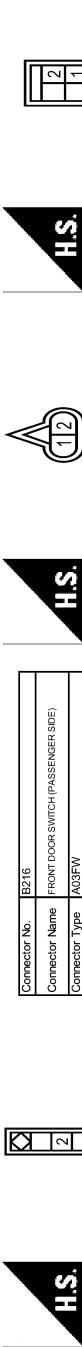
Connector No.	B249	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	BRAKE BOOSTER CONTROL UNIT	1 R	-
Connector Type	TK24FGY	2 V	-



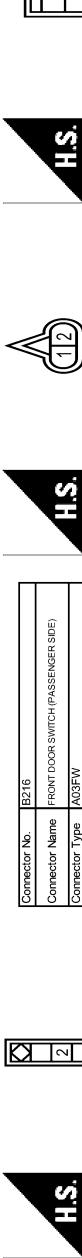
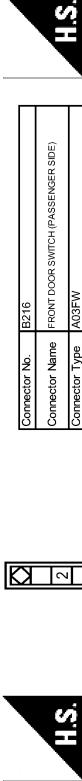
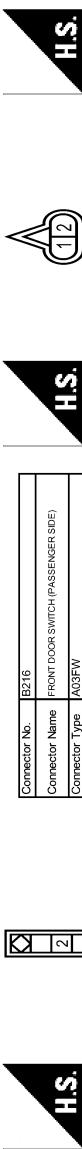
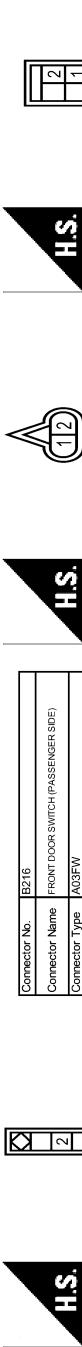
Connector No.	B231	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



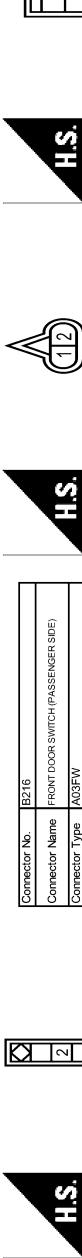
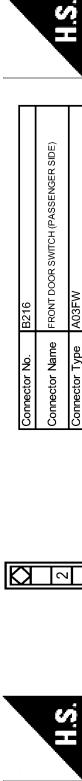
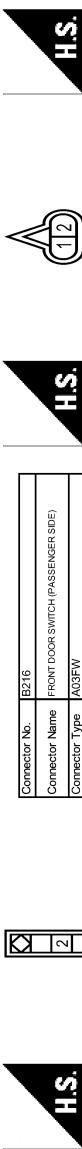
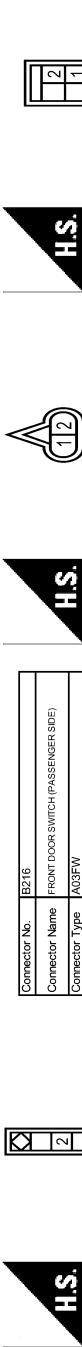
Connector No.	B232	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



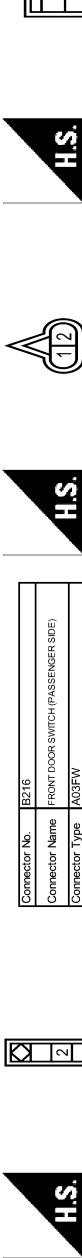
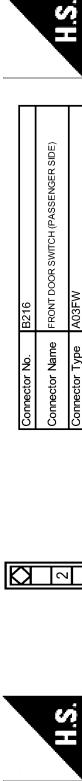
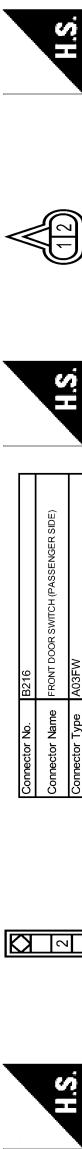
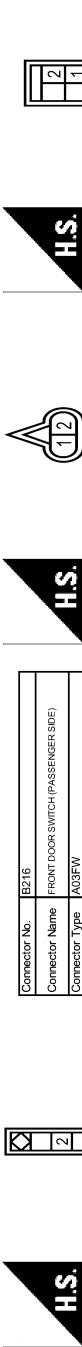
Connector No.	B233	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



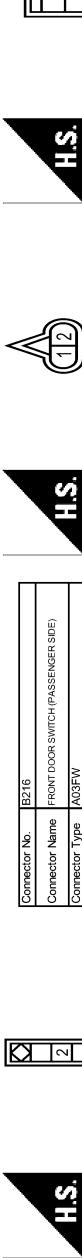
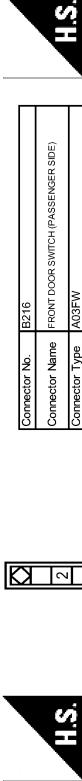
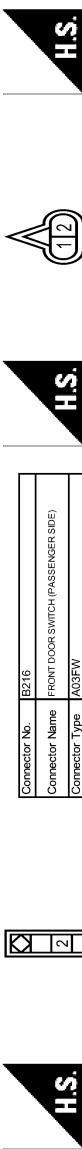
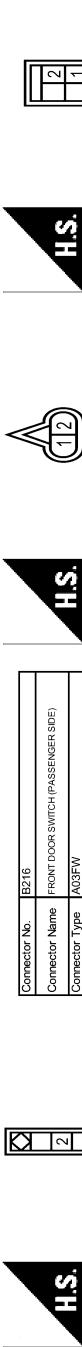
Connector No.	B234	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



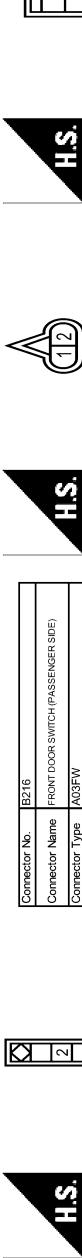
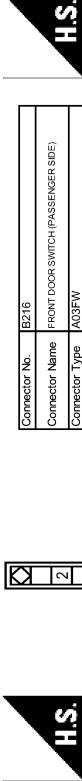
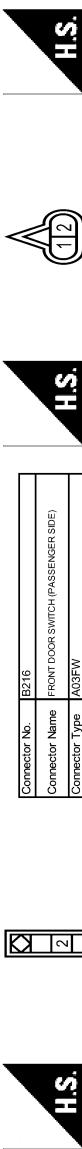
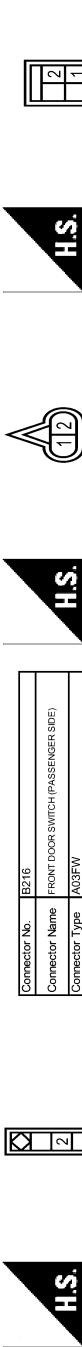
Connector No.	B235	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



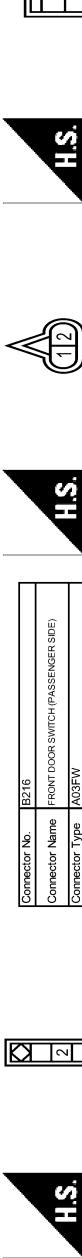
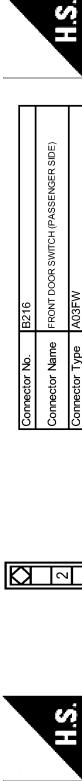
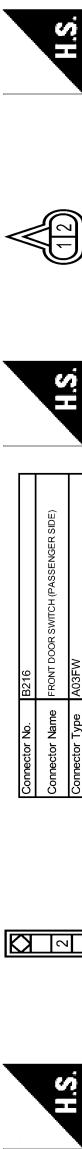
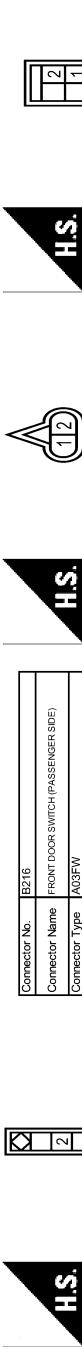
Connector No.	B236	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



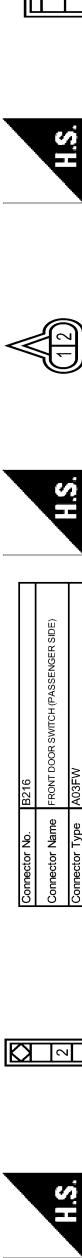
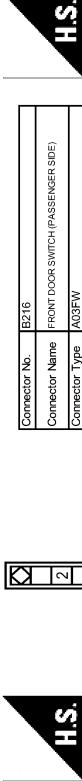
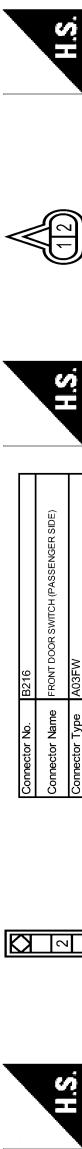
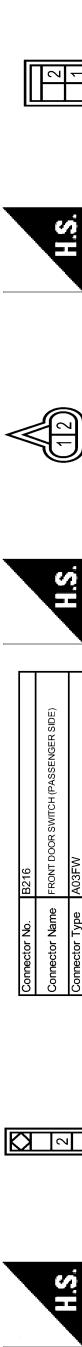
Connector No.	B237	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



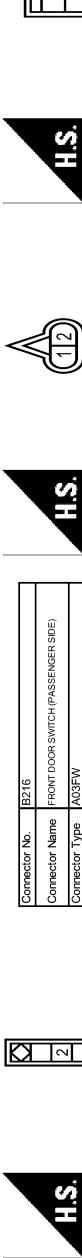
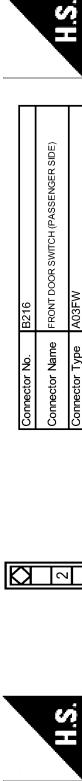
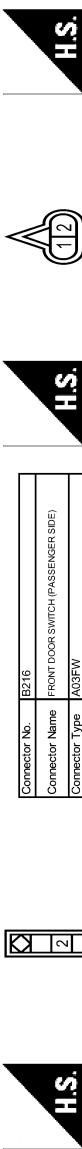
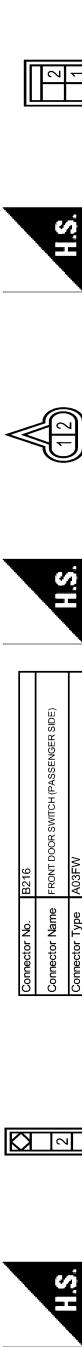
Connector No.	B238	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



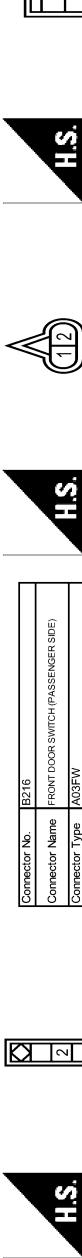
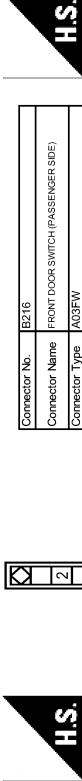
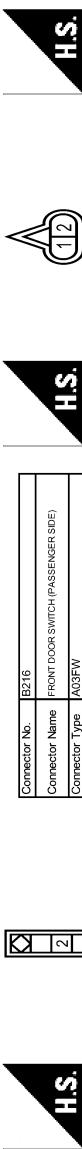
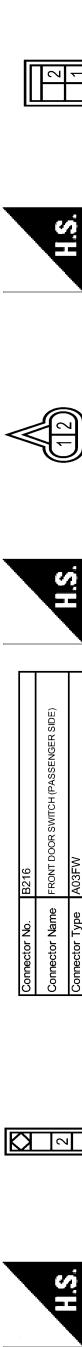
Connector No.	B239	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



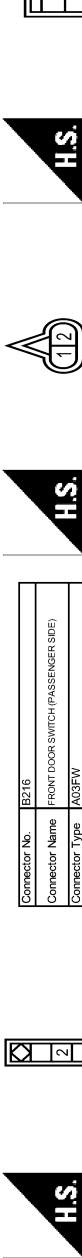
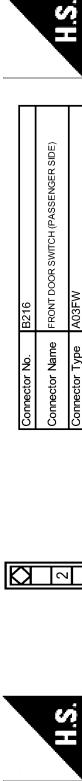
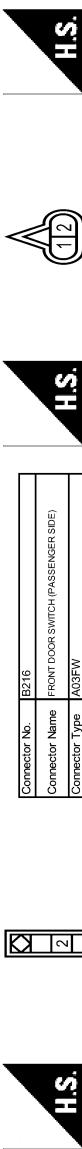
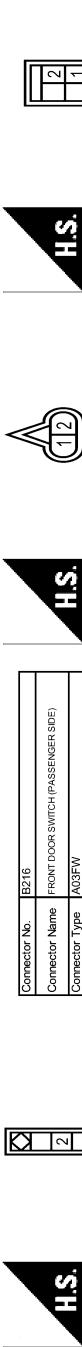
Connector No.	B240	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



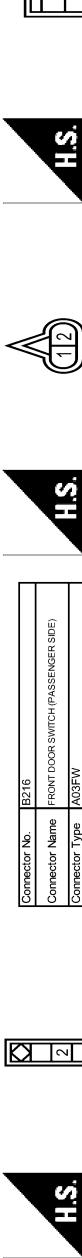
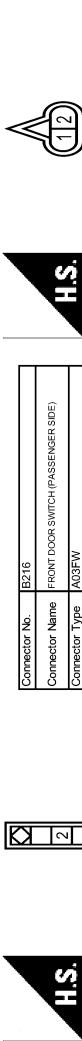
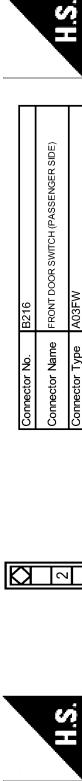
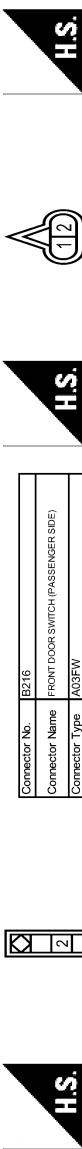
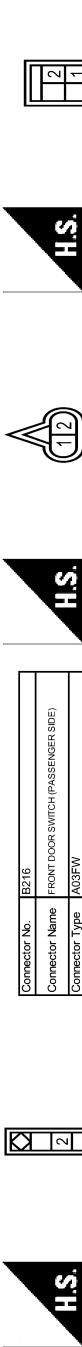
Connector No.	B241	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



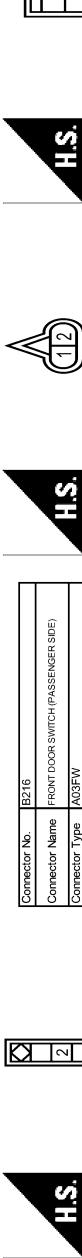
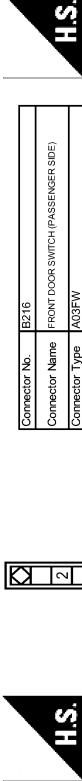
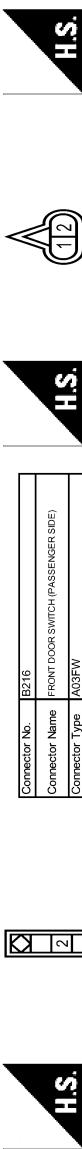
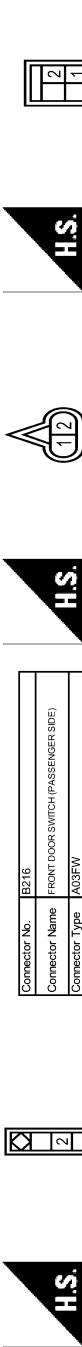
Connector No.	B242	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



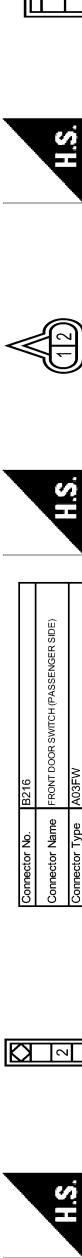
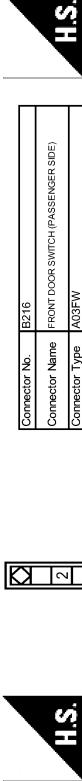
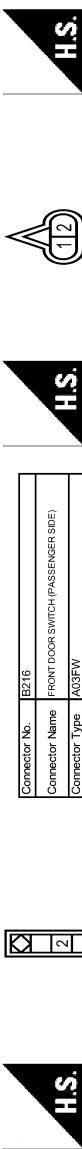
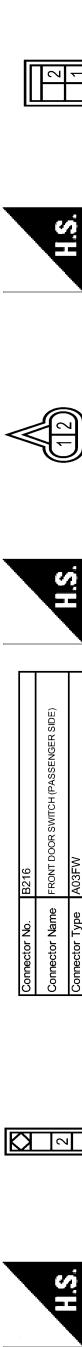
Connector No.	B243	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



Connector No.	B244	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-



Connector No.	B245	Terminal Color Of Wire	Signal Name [Specification]
Connector Name	FRONT DOOR SWCH (PASSENGER SIDE)	1 V	-
Connector Type	A03FW	2 SB	-


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BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

BCM (BODY CONTROL MODULE)

Connector No.	B260
Connector Name	REAR TURN SIGNAL LAMP LH
Connector Type	HS22FG-W



Connector No.	B414
Connector Name	POWER SEAT SWITCH
Connector Type	NS10FW-CS



Connector No.	B451
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	HS22FW



Terminal Color Of Wire	Color Name [Specification]	Signal Name [Specification]
1 R	-	RX
2 B	-	LW
3 GY	-	CANH
4 P	-	PULSE (RECLINING)
5 W	-	W(G)
6 V	-	PULSE (R/LIFTING)
7 LY	-	BR
8 L	-	SIDING SW (BACKWARD)
9 L/R	-	SB
10 GW	-	RECLINING SW (BACKWARD)
11 YR	-	LGR
12 Y	-	FRONT LIFTING SW (DOWNWARD)
13 YR	-	GB
14 Y	-	REAR LIFTING SW (DOWNWARD)
15 VCC	-	VCC
16 O	-	YR
17 YR	-	TX
18 W	-	CANL
19 V	-	PRANGE SW
20 LY	-	PULSE SW (SLIDING)
21 Y	-	GP
22 YB	-	PULSE (R/LIFTING)
23 Y	-	SLIDING SW (FORWARD)
24 V	-	Y
25 YB	-	RECLINING SW (FORWARD)
26 Y	-	RG
27 RG	-	FRONT LIFTING SW (UPWARD)
28 WB	-	PUL
29 WB	-	REAR LIFTING SW (UPWARD)
30 GR	-	SENSOR GND
31 GR	-	GND (SW GND)
32 BW	-	GR



Terminal Color Of Wire	Color Name [Specification]	Signal Name [Specification]
1 V	-	-
2 B	-	-



Connector No.	B434
Connector Name	POWER SEAT SWITCH
Connector Type	NS10FW-CS



Terminal Color Of Wire	Color Name [Specification]	Signal Name [Specification]
1 R	-	-
2 B	-	-
3 GY	-	-
5 W	-	-
6 V	-	-
7 LY	-	-
8 L	-	-
9 L/R	-	-
10 GW	-	-



Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	H24FW-NH



Terminal Color Of Wire	Color Name [Specification]	Signal Name [Specification]
12 11 10	-	7 6 5
24 23 22 21	-	3 2
19 18 17	-	14
31 32	-	13 12



Terminal Color Of Wire	Color Name [Specification]	Signal Name [Specification]
2 O	-	O
3 B	-	SIDE CAMERA LH COMM
5 Y	-	SIDE CAMERA LFT IMAGE SIGNAL
6 R	-	SIDE CAMERA LH POWER SUPPLY
7 W	-	-
10 G	-	-
11 P	-	-
12 SB	-	-
13 LG	-	-
14 GB	-	-
15 O	-	-
16 VCC	-	-
17 LG	-	-
18 W	-	-
19 V	-	-
20 LY	-	-
21 Y	-	-
22 BR	-	-
23 Y	-	-
24 V	-	-



Terminal Color Of Wire	Color Name [Specification]	Signal Name [Specification]
1 2 3 4	-	1 2 3 4
8 9 10 11	-	8 9 10 11
13 14 15	-	13 14 15



BCM (BODY CONTROL MODULE)

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BCM (BODY CONTROL MODULE)

Connector No.		Signal Name [Specification]		Terminal Color Of Wire No.		Signal Name [Specification]	
5	O			1	LG		
6	Y			2	P		
7	BR			3	L		
8	L			4	B		
9	O			5	Y		
10	Y			6	V		
11	G						
13	P						
14	V						
15	B						
Connector No.		Signal Name [Specification]		Terminal Color Of Wire No.		Signal Name [Specification]	
D9				1	R		
Connector Name		POWER WINDOW MAIN SWITCH		2	SB		
Connector Type		NS3FNL-CS					
Connector No.		Signal Name [Specification]					
D13							
Connector Name		FRONT OUTSIDE HANDLE LH (REQUEST SWITCH)					
Connector Type		RK02FL					
Connector No.		Signal Name [Specification]					
D15							
Connector Name		FRONT DOOR LOCK ASSEMBLY (DRIVER SIDE)					
Connector Type		ENFGSY-RS					
Connector No.		Signal Name [Specification]					
D42							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D43							
Connector Name		FRONT OUTSIDE HANDLE RH (REQUEST SWITCH)					
Connector Type		RK02FL					
Connector No.		Signal Name [Specification]					
D38							
Connector Name		FRONT POWER WINDOW SWITCH (PASSENGER SIDE)					
Connector Type		NS16FW-CS					
Connector No.		Signal Name [Specification]					
D39							
Connector Name		FRONT OUTSIDE HANDLE LH (OUTSIDE KEY ANTENNA)					
Connector Type		RK02MGSY					
Connector No.		Signal Name [Specification]					
D14							
Connector Name		FRONT OUTSIDE HANDLE LH (OUTSIDE KEY ANTENNA)					
Connector Type		RK02MGSY					
Connector No.		Signal Name [Specification]					
D12							
Connector Name		STEP LAMP (DRIVER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)					
Connector Type		TB12FW					
Connector No.		Signal Name [Specification]					
D21							
Connector Name		STEP LAMP (PASSENGER SIDE)</					

BCM (BODY CONTROL MODULE)

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BCM (BODY CONTROL MODULE)

Connector No.	D44	Connector No.	D110
Connector Name	FRONT DOOR USES: WIREL. KEY / ANTENNA	Connector Name	USSAGE ROOM/LAMP (BACK DOOR SIDE)
Connector Type	RK02MGY	Connector Type	K03SW



Terminal Color Of Wire	Signal Name [Specification]
1 P	-
2 V	-
3 G	-
4 L	-
5 W	-
7 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 Y	-
2 V	-
3 G	-
4 L	-
5 W	-
7 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Connector No.	D54	Connector No.	D74
Connector Name	REAR POWER WINDOW SWITCH RH	Connector Name	REAR POWER WINDOW SWITCH RH
Connector Type	NS08FW-C5	Connector Type	NS08FW-C5



Terminal Color Of Wire	Signal Name [Specification]
1 Y	-
2 V	-
3 G	-
4 L	-
5 W	-
7 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 W	-
2 V	-
3 G	-
4 P	-
5 O	-
7 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 W	-
2 V	-
3 G	-
4 P	-
5 O	-
7 B	-

Connector No.	D45	Connector No.	D75
Connector Name	REAR DOOR LOCK ASSEMBLY LH	Connector Name	REAR DOOR LOCK ASSEMBLY RH
Connector Type	E0GFGR-RS	Connector Type	E0GFGR-RS



Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Connector No.	D55	Connector No.	D113
Connector Name	FRONT DOOR LOCK ASSEMBLY (PASSENGER SIDE)	Connector Name	BACK DOOR LOCK ASSEMBLY
Connector Type	E0GFGR-RS	Connector Type	NS04FW-NC5



Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Connector No.	D75	Connector No.	D113
Connector Name	REAR DOOR LOCK ASSEMBLY RH	Connector Name	BACK DOOR LOCK ASSEMBLY
Connector Type	E0GFGR-RS	Connector Type	NS04FW-NC5



Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Connector No.	D113	Connector No.	D113
Connector Name	BACK DOOR LOCK ASSEMBLY	Connector Name	BACK DOOR LOCK ASSEMBLY
Connector Type	NS04FW-NC5	Connector Type	NS04FW-NC5



Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 G	-
3 Y	-
4 B	-

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BCM (BODY CONTROL MODULE)

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BCM (BODY CONTROL MODULE)

Connector No.	D116	Connector No.	E28
Connector Name	BACK DOOR OPENER REQUEST SWITCH	Connector Name	FRONT COMBINATION LAMP RH
Connector Type	TK02INBR-P	Connector Type	RS08FB-PR



Terminal Color Of Wire	Signal Name [Specification]
1 GR	-
2 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 W	-
2 B	-

Terminal Color Of Wire	Signal Name [Specification]
1 V	-
2 L	-

Terminal Color Of Wire	Signal Name [Specification]
4 Y	-
5 R	-
7 BR	-
12 BW	-
13 Y	-
16 LG	-
19 W	-
25 G	-
26 R	-
27 BG	-
28 L	-
30 GR	-
38 G	-

Terminal Color Of Wire	Signal Name [Specification]
1 B	-
2 R	-

Terminal Color Of Wire	Signal Name [Specification]
1 B	-
2 G	-
3 R	-

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BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

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BCM (BODY CONTROL MODULE)

Connector No.		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]	
25	Y	BUS-L		1	Y	IGNITION POWER SUPPLY		1	-	IGNITION POWER SUPPLY	
26	LG	DP FL		2	BR	BATTERY POWER SUPPLY		2	-	BATTERY POWER SUPPLY	
27	GR	DS RL		3	O	CANH		3	-	K-LINE	
28	G	I2		4	SB			4	-	GROUND	
29	LG	DS RR		5	Y			5	-	IGNITION POWER SUPPLY	
30	SB	BUS		6	G			6	-	BACK-UP LAMP RELAY	
31	R	VDC OFF SW		7	P			7	-	CANL	
35	L	CAN-H		8	BG			8	-	STARTER RELAY	
45	B	BUS-H						9	-		
								10	-	GROUND	

Connector No.		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]	
E58		FRONT COMBINATION LAMP LH		1	L	IGNITION POWER SUPPLY		1	-	IGNITION POWER SUPPLY	
		RS39FB-PR		2	W	-		2	-	BATTERY POWER SUPPLY	
				3	Y	CANH		3	-	K-LINE	
				4	SB			4	-	GROUND	
				5	Y			5	-	IGNITION POWER SUPPLY	
				6	G			6	-	BACK-UP LAMP RELAY	
				7	P			7	-	CANL	
				8	BG			8	-	STARTER RELAY	
								9	-		
								10	-	GROUND	

Connector No.		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]	
E10		STOP LAMP SWITCH		1	L	IGNITION POWER SUPPLY		1	-	IGNITION POWER SUPPLY	
		MONITOR		2	W	-		2	-	BATTERY POWER SUPPLY	
				3	Y	CANH		3	-	K-LINE	
				4	SB			4	-	GROUND	
				5	Y			5	-	IGNITION POWER SUPPLY	
				6	G			6	-	BACK-UP LAMP RELAY	
				7	P			7	-	CANL	
				8	BG			8	-	STARTER RELAY	
								9	-		
								10	-	GROUND	

Connector No.		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]	
E103		FUSE BLOCK (J/B)		1	Y	IGNITION POWER SUPPLY		1	-	IGNITION POWER SUPPLY	
		NS16PM-C/S		2	BR	BATTERY POWER SUPPLY		2	-	BATTERY POWER SUPPLY	
				3	O	CANH		3	-	K-LINE	
				4	V			4	-	GROUND	
				5	Y			5	-	IGNITION POWER SUPPLY	
				6	P			6	-	BACK-UP LAMP RELAY	
				7	R			7	-	CANL	
				8	BR			8	-	STARTER RELAY	
				9	L			9	-		
				10	R			10	-	GROUND	

Connector No.		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]	
E57		INTELLIGENT KEY WARNING BUZER (ENGINE ROOM)		1	Y	IGNITION POWER SUPPLY		1	-	IGNITION POWER SUPPLY	
		RK03FBR		2	BR	BATTERY POWER SUPPLY		2	-	BATTERY POWER SUPPLY	
				3	O	CANH		3	-	K-LINE	
				4	V			4	-	GROUND	
				5	Y			5	-	IGNITION POWER SUPPLY	
				6	P			6	-	BACK-UP LAMP RELAY	
				7	R			7	-	CANL	
				8	BR			8	-	STARTER RELAY	
				9	L			9	-		
				10	R			10	-	GROUND	

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BCM (BODY CONTROL MODULE)

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BCM (BODY CONTROL MODULE)

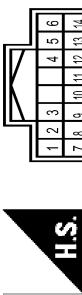
Connector No.	M2
Connector Name	FUSE BLOCK (JB)
Connector Type	NS10FNC-S



Connector No.	M9
Connector Name	DIODE
Connector Type	24335_C3800



Connector No.	N33
Connector Name	COMBINATION SWITCH
Connector Type	TH16FW-NH



Connector No.	N24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
3B	P	-
4B	G	-
5B	BG	-
6B	Y	-
7B	P	-
8B	R	-
9B	SB	-



Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



Connector No.	M3
Connector Name	FUSE BLOCK (JB)
Connector Type	NS12FNC-S



Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	R	-
2	W	-
3	GR	BAT
4	W	CLOCK
5	Y	DATA
6	LG	ILL BAT
7	B	GROUND
11	BR	KEY SWITCH SIGNAL



Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
10C	L	-
11C	R	-
12C	BG	-
6C	R	-
7C	B	-
9C	BG	-



Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal Color Of Wire	Color Of Wire	Signal Name [Specification]
1	P	FR WASHER(-)
2	SB	OUTPUT 4
3	GR	FR WASHER(+)
4	G	IGN
5	L	OUTPUT 3
6	B	GROUND
7	V	INPUT 3
8	SB	-
11	SB	-
14	Y	INPUT 2
16	Y	INPUT 4
11	LG	INPUT

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

BCM (BODY CONTROL MODULE)

Connector No.		M67		Connector No.		M72		Connector No.		M101	
Connector Name		UNIFIED METER AND A/C AMP.		Connector Name		MULTIFUNCTION SWITCH		Connector Name		TIRE PRESSURE RECEIVER	
Connector Type		TH32FW-NH		Connector Type		TH16FW-NH		Connector Type		TK04FW	
Terminal Color Of Wire	Signal Name [Specification]	Terminal Color Of Wire	Signal Name [Specification]	Terminal Color Of Wire	Signal Name [Specification]	Terminal Color Of Wire	Signal Name [Specification]	Terminal Color Of Wire	Signal Name [Specification]	Terminal Color Of Wire	Signal Name [Specification]
No.		No.		No.		No.		No.		No.	
1	GR	41	V	1	B	1	ACC	1	BG	1	GROUND
2	LG	42	Y	2	V	2	ILL	2	L	2	SIGNAL
3	GR	43	R	4	R	4	ILL CONN	4	Y	4	BATTERY
4	P	44	LG	5	Y	5	SB	5	AV COMM (L)	5	AV COMM (L)
5	P	45	P	6	SB	6	AV COMM (R)	6	LG	6	SW END
6	P	46	BG	7	Y	7	DISK EJECT SIGNAL	7	Y	7	DISK EJECT SIGNAL
7	BR	47	G	8	Y	8	HAZARD ON	8	G	8	HAZARD ON
8	BR	48	G	9	B	9	IGNITION POWER SUPPLY	9	B	9	IGNITION POWER SUPPLY
9	G	49	Y	10	Y	10	IGNITION POWER SUPPLY	10	Y	10	IGNITION POWER SUPPLY
10	G	50	Y	11	Y	11	IGNITION POWER SUPPLY	11	Y	11	IGNITION POWER SUPPLY
11	BR	51	Y	12	Y	12	IGNITION POWER SUPPLY	12	Y	12	IGNITION POWER SUPPLY
12	BR	52	Y	13	Y	13	IGNITION POWER SUPPLY	13	Y	13	IGNITION POWER SUPPLY
13	BR	53	Y	14	Y	14	IGNITION POWER SUPPLY	14	Y	14	IGNITION POWER SUPPLY
14	BR	54	Y	15	Y	15	IGNITION POWER SUPPLY	15	Y	15	IGNITION POWER SUPPLY
15	BR	55	Y	16	Y	16	IGNITION POWER SUPPLY	16	Y	16	IGNITION POWER SUPPLY
16	BR	56	Y	17	Y	17	IGNITION POWER SUPPLY	17	Y	17	IGNITION POWER SUPPLY
17	BR	57	Y	18	Y	18	IGNITION POWER SUPPLY	18	Y	18	IGNITION POWER SUPPLY
18	BR	58	Y	19	Y	19	IGNITION POWER SUPPLY	19	Y	19	IGNITION POWER SUPPLY
19	BR	59	Y	20	Y	20	IGNITION POWER SUPPLY	20	Y	20	IGNITION POWER SUPPLY
20	BR	60	Y	21	Y	21	IGNITION SIGNAL	21	Y	21	IGNITION SIGNAL
21	BR	61	Y	22	Y	22	GROUND	22	Y	22	GROUND
22	BR	62	Y	23	Y	23	COMMUNICATION SIGNAL (LCD-AMP)	23	Y	23	COMMUNICATION SIGNAL (LCD-AMP)
23	Y	63	Y	24	Y	24	COMMUNICATION SIGNAL (LCD-AMP)	24	Y	24	COMMUNICATION SIGNAL (LCD-AMP)
24	Y	64	Y	25	Y	25	COMMUNICATION SIGNAL (LCD-AMP)	25	Y	25	COMMUNICATION SIGNAL (LCD-AMP)
25	Y	65	Y	26	Y	26	VEHICLE SPEED SIGNAL (6-PIN)	26	Y	26	VEHICLE SPEED SIGNAL (6-PIN)
26	R	66	Y	27	V	27	PARKING BRAKE SWITCH SIGNAL	27	V	27	PARKING BRAKE SWITCH SIGNAL
27	V	67	Y	28	W	28	W	28	W	28	W
28	W	68	Y	29	W	29	SEAT BELT TANGLE SWITCH SIGNAL (DRIVER SIDE)	29	W	29	SEAT BELT TANGLE SWITCH SIGNAL (DRIVER SIDE)
29	W	69	Y	30	G	30	SEAT BELT BLOCKER SWITCH SIGNAL (MESSAGE SEND)	30	G	30	SEAT BELT BLOCKER SWITCH SIGNAL (MESSAGE SEND)
30	G	70	Y	31	L	31	WASHER LEVEL SWITCH SIGNAL	31	L	31	WASHER LEVEL SWITCH SIGNAL
31	L	71	Y	32	L	32	ILLUMINATION CONTROL SIGNAL	32	L	32	ILLUMINATION CONTROL SIGNAL
32	L	72	Y	33	B	33	SELECT SWITCH SIGNAL	33	B	33	SELECT SWITCH SIGNAL
33	B	73	Y	34	SB	34	ENTER SWITCH SIGNAL	34	SB	34	ENTER SWITCH SIGNAL
34	SB	74	Y	35	L	35	TRIP A/B RESET SWITCH SIGNAL	35	L	35	TRIP A/B RESET SWITCH SIGNAL
35	L	75	Y	36	P	36	ILLUMINATOR CONTROL SWITCH SIGNAL (+)	36	P	36	ILLUMINATOR CONTROL SWITCH SIGNAL (+)
36	P	76	Y	37	P	37	ILLUMINATOR CONTROL SWITCH SIGNAL (-)	37	P	37	ILLUMINATOR CONTROL SWITCH SIGNAL (-)
37	P	77	Y	38	P	38	ILLUMINATOR CONTROL SWITCH SIGNAL (+)	38	P	38	ILLUMINATOR CONTROL SWITCH SIGNAL (+)
38	P	78	Y	39	P	39	ILLUMINATOR CONTROL SWITCH SIGNAL (-)	39	P	39	ILLUMINATOR CONTROL SWITCH SIGNAL (-)
39	P	79	Y	40	BG	40	ILLUMINATOR CONTROL SWITCH SIGNAL (+)	40	BG	40	ILLUMINATOR CONTROL SWITCH SIGNAL (+)

JRMWD8160GB

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

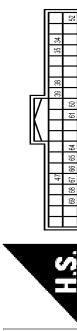
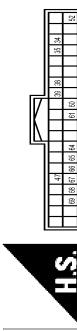
[WITH ADP]

BCM (BODY CONTROL MODULE)

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16PNC-S



Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-Y-NH

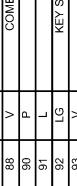
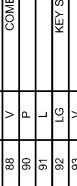


Terminal Color Of Wire	Signal Name [Specification]
1 R	-
2 BR	-
4 LG	INTERIOR ROOM LAMP POWER SUPPLY
5 L	PASSENGER DOOR UNLOCK OUTPUT
7 Y	STEP LAMP CON
8 V	ALL DOOR FUEL LID LOCK OUTPUT
9 G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
10 BR	REAR DOOR UNLOCK OUTPUT
11 R	BAT (FUSE)
13 B	GROUND
14 W	PUSH-BUTTON IGNITION SW (ILL GND)
15 Y	ACC IND
17 W	TURN SIGNAL RH (FRONT)
18 BG	TURN SIGNAL LH (FRONT)
19 V	INT ROOM LAMP CON

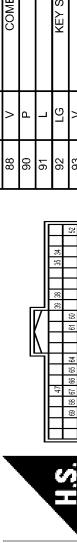
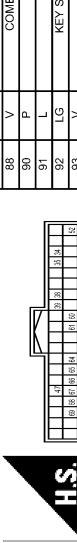
Terminal Color Of Wire	Signal Name [Specification]
1 W	BAT (FL)
2 W	POWER WINDOW POWER SUPPLY (FRONT)
3 Y	POWER WINDOW POWER SUPPLY (Rear)



Terminal Color Of Wire	Signal Name [Specification]
80 GR	NATS ANT AMP.
81 W	NATS ANT AMP.
82 R	IGN RELAY (FB) CONT
83 Y	KEYLESS ENTRY RECEIVER COMM
87 BR	COMBI SW INPUT 5
88 V	COMBI SW INPUT 3
90 P	CANL
91 L	KEY SLOT ILL CONT
92 LG	ON IND
93 V	PUDLE LAMP CONT
94 Y	ACC RELAY CONT
95 BG	ACC SHIFT SELECTOR POWER SUPPLY SHIFT P
96 GR	A/T SHIFT SELECTOR POWER SUPPLY
99 R	SHIFT P
100 G	PASSENGER DOOR REQUEST SW
101 SB	DRIVER DOOR REQUEST SW
102 BG	BLOWER/FAN MOTOR RELAY CONT
103 LG	KEYLESS ENTRY RECEIVER POWER SUPPLY
107 LG	COMBI SW INPUT 1
108 R	COMBI SW INPUT 4
109 Y	COMBI SW INPUT 2
110 G	HAZARD SW

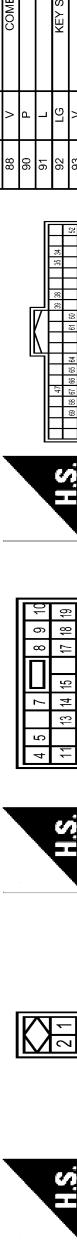
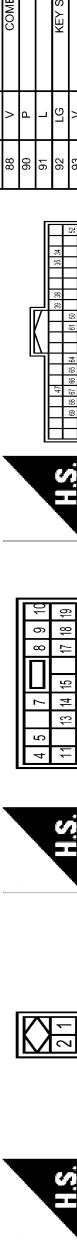


Terminal Color Of Wire	Signal Name [Specification]
34 SB	LUGGAGE ROOM ANT-
35 V	LUGGAGE ROOM ANT+
36 B	BACK DOOR AN-
39 W	BACK DOOR AN+
47 Y	IGN RELAY (PDM) E/R CONT
52 SB	STARTER RELAY CONT
60 BR	BACK DOOR SW
61 W	BACK DOOR OPENER REQUEST SW
64 V	REAR WIPER BUZZER (ENG ROOM)
65 BG	REAR WIPER STOP POSITION
66 R	BACK DOOR SW
67 GR	BACK DOOR OPENER SW
68 BR	REAR RH DOOR SW
69 R	REAR LH DOOR SW



Terminal Color Of Wire	Signal Name [Specification]
1 R	-
2 BR	-
4 LG	INTERIOR ROOM LAMP POWER SUPPLY
5 L	PASSENGER DOOR UNLOCK OUTPUT
7 Y	STEP LAMP CON
8 V	ALL DOOR FUEL LID LOCK OUTPUT
9 G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
10 BR	REAR DOOR UNLOCK OUTPUT
11 R	BAT (FUSE)
13 B	GROUND
14 W	PUSH-BUTTON IGNITION SW (ILL GND)
15 Y	ACC IND
17 W	TURN SIGNAL RH (FRONT)
18 BG	TURN SIGNAL LH (FRONT)
19 V	INT ROOM LAMP CON

Terminal Color Of Wire	Signal Name [Specification]
1 W	BAT (FL)
2 W	POWER WINDOW POWER SUPPLY (FRONT)
3 Y	POWER WINDOW POWER SUPPLY (Rear)



A
B
C
D
E
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G
H
I
J
K
L
M
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R
S
T
U
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W
X
Y
Z
MIR

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

BCM (BODY CONTROL MODULE)

Connector No.		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]	
139	L	TIRE PRESSURE RECEIVER COMM		1	W	1	-
140	GR	SHIFT N/P		2	Y	2	-
141	GR	SECURITY IND LAMP CONN		3	L	3	-
142	BG	COMBI SW OUTPUT 5		4	B	4	-
143	P	COMBI SW OUTPUT 1		5	G	5	-
144	G	COMBI SW OUTPUT 2		7	R	7	-
145	L	COMBI SW OUTPUT 3		8	SB	8	-
146	SB	COMBI SW OUTPUT 4		9	B	9	-
150	LG	DRIVER DOOR SW		10	GR	10	-
151	G	REAR WINDOW DEFROGGER RELAY (CONT)		11	R	11	-
Connector No.		Signal Name [Specification]		Terminal Color Of Wire		Signal Name [Specification]	
M129		OPTION CONNECTOR (1)		1		1	
Connector Name		TH48MM-LH		2		2	
Connector Type				3		3	
Connector No.		SUNROOF MOTOR ASSEMBLY		4		4	
Connector Name		YEAT0FGV		5		5	
Connector Type				6		6	
Connector No.		INSIDE KEY ANTENNA (INSTRUMENT CENTER)		7		7	
Connector Name		RK42ZFGV		8		8	
Connector Type				9		9	
Connector No.		SPEED SENSOR (2P)		10		10	
Connector Name		TIMER + (GN)		11		11	
Connector Type		GROUND		12		12	

JRMWD8162GB

INFOID:0000000009359466

Fail-safe

FAIL-SAFE CONTROL BY DTC

BCM performs fail-safe control when any DTC are detected.

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Display contents of CONSULT	Fail-safe	Cancellation
B2190: NATS ANTENNA AMP	Inhibit engine cranking	Erase DTC
B2191: DIFFERENCE OF KEY	Inhibit engine cranking	Erase DTC
B2192: ID DISCORD BCM-ECM	Inhibit engine cranking	Erase DTC
B2193: CHAIN OF BCM-ECM	Inhibit engine cranking	Erase DTC
B2195: ANTI SCANNING	Inhibit engine cranking	Ignition switch ON → OFF
B2560: STARTER CONT RELAY	Inhibit engine cranking	500 ms after the following CAN signal communication status becomes consistent • Starter control relay signal • Starter relay status signal
B2608: STARTER RELAY	Inhibit engine cranking	500 ms after the following signal communication status becomes consistent • Starter motor relay control signal • Starter relay status signal (CAN)
B260A: IGNITION RELAY	Inhibit engine cranking	500 ms after the following conditions are fulfilled • IGN relay (IPDM E/R) control signal: OFF (Battery voltage) • Ignition ON signal (CAN to IPDM E/R): OFF (Request signal) • Ignition ON signal (CAN from IPDM E/R): OFF (Condition signal)
B260F: ENG STATE SIG LOST	Maintains the power supply position attained at the time of DTC detection	When any of the following conditions are fulfilled • Power position changes to ACC • Receives engine status signal (CAN)
B2617: STARTER RELAY CIRC	Inhibit engine cranking	1 second after the starter motor relay control inside BCM becomes normal
B2618: BCM	Inhibit engine cranking	1 second after the ignition relay (IPDM E/R) control inside BCM becomes normal
B261E: VEHICLE TYPE	Inhibit engine cranking	BCM initialization

REAR WIPER MOTOR PROTECTION

BCM detects the rear wiper stopping position according to the rear wiper stop position signal.

When the rear wiper stop position signal does not change for more than 5 seconds while driving the rear wiper, BCM stops power supply to protect the rear wiper motor.

Condition of cancellation

1. More than 1 minute is passed after the rear wiper stops.
2. Turn rear wiper switch OFF.
3. Operate the rear wiper switch or rear washer switch.

DTC Inspection Priority Chart

INFOID:000000009359467

If some DTCs are displayed at the same time, perform inspections one by one based on the following priority chart.

Priority	DTC
1	B2562: LOW VOLTAGE
2	• U1000: CAN COMM CIRCUIT • U1010: CONTROL UNIT (CAN)
3	• B2190: NATS ANTENNA AMP • B2191: DIFFERENCE OF KEY • B2192: ID DISCORD BCM-ECM • B2193: CHAIN OF BCM-ECM • B2195: ANTI SCANNING

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Priority	DTC
4	<ul style="list-style-type: none"> • B2553: IGNITION RELAY • B2555: STOP LAMP • B2556: PUSH-BTN IGN SW • B2557: VEHICLE SPEED • B2560: STARTER CONT RELAY • B2601: SHIFT POSITION • B2602: SHIFT POSITION • B2603: SHIFT POSI STATUS • B2604: PNP SW • B2605: PNP SW • B2608: STARTER RELAY • B260A: IGNITION RELAY • B260F: ENG STATE SIG LOST • B2614: ACC RELAY CIRC • B2615: BLOWER RELAY CIRC • B2616: IGN RELAY CIRC • B2617: STARTER RELAY CIRC • B2618: BCM • B261A: PUSH-BTN IGN SW • B261E: VEHICLE TYPE • B26EA: KEY REGISTRATION • C1729: VHCL SPEED SIG ERR • U0415: VEHICLE SPEED SIG
5	<ul style="list-style-type: none"> • C1704: LOW PRESSURE FL • C1705: LOW PRESSURE FR • C1706: LOW PRESSURE RR • C1707: LOW PRESSURE RL • C1708: [NO DATA] FL • C1709: [NO DATA] FR • C1710: [NO DATA] RR • C1711: [NO DATA] RL • C1716: [PRESSDATA ERR] FL • C1717: [PRESSDATA ERR] FR • C1718: [PRESSDATA ERR] RR • C1719: [PRESSDATA ERR] RL • C1734: CONTROL UNIT
6	<ul style="list-style-type: none"> • B2621: INSIDE ANTENNA • B2623: INSIDE ANTENNA

DTC Index

INFOID:000000009359468

NOTE:

The details of time display are as follows.

- CRNT: A malfunction is detected now.
- PAST: A malfunction was detected in the past.

IGN counter is displayed on Freeze Frame Data. For details of Freeze Frame Data, refer to [BCS-18, "COMMON ITEM : CONSULT Function \(BCM - COMMON ITEM\)"](#).

CONSULT display	Fail-safe	Freeze Frame Data •Vehicle Speed •Odo/Trip Meter •Vehicle Condition	Intelligent Key warning lamp ON	Tire pressure monitor warning lamp ON	Reference page
No DTC is detected. further testing may be required.	—	—	—	—	—
U1000: CAN COMM CIRCUIT	—	—	—	—	BCS-41
U1010: CONTROL UNIT (CAN)	—	—	—	—	BCS-42
U0415: VEHICLE SPEED SIG	—	—	—	—	BCS-43
B2190: NATS ANTENNA AMP	×	—	—	—	SEC-40

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

CONSULT display	Fail-safe	Freeze Frame Data •Vehicle Speed •Odo/Trip Meter •Vehicle Condition	Intelligent Key warning lamp ON	Tire pressure monitor warning lamp ON	Reference page
B2191: DIFFERENCE OF KEY	×	—	—	—	SEC-43
B2192: ID DISCORD BCM-ECM	×	—	—	—	SEC-44
B2193: CHAIN OF BCM-ECM	×	—	—	—	SEC-45
B2195: ANTI SCANNING	×	—	—	—	SEC-46
B2553: IGNITION RELAY	—	×	—	—	PCS-48
B2555: STOP LAMP	—	×	—	—	SEC-47
B2556: PUSH-BTN IGN SW	—	×	×	—	SEC-49
B2557: VEHICLE SPEED	×	×	×	—	SEC-51
B2560: STARTER CONT RELAY	×	×	×	—	SEC-52
B2562: LOW VOLTAGE	—	×	—	—	BCS-44
B2601: SHIFT POSITION	×	×	×	—	SEC-53
B2602: SHIFT POSITION	×	×	×	—	SEC-56
B2603: SHIFT POSI STATUS	×	×	×	—	SEC-59
B2604: PNP SW	×	×	×	—	SEC-62
B2605: PNP SW	×	×	×	—	SEC-64
B2608: STARTER RELAY	×	×	×	—	SEC-66
B260A: IGNITION RELAY	×	×	×	—	PCS-50
B260F: ENG STATE SIG LOST	×	×	×	—	SEC-68
B2614: ACC RELAY CIRC	—	×	×	—	PCS-52
B2615: BLOWER RELAY CIRC	—	×	×	—	PCS-55
B2616: IGN RELAY CIRC	—	×	×	—	PCS-58
B2617: STARTER RELAY CIRC	×	×	×	—	SEC-71
B2618: BCM	×	×	×	—	PCS-61
B261A: PUSH-BTN IGN SW	—	×	×	—	SEC-73
B261E: VEHICLE TYPE	×	×	× (Turn ON for 15 seconds)	—	SEC-76
B2621: INSIDE ANTENNA	—	×	—	—	DLK-58
B2623: INSIDE ANTENNA	—	×	—	—	DLK-60
B26E1: ENG STATE NO RES	×	×	×	—	SEC-69
B26EA: KEY REGISTRATION	—	×	× (Turn ON for 15 seconds)	—	SEC-70
C1704: LOW PRESSURE FL	—	—	—	×	WT-23
C1705: LOW PRESSURE FR	—	—	—	×	
C1706: LOW PRESSURE RR	—	—	—	×	
C1707: LOW PRESSURE RL	—	—	—	×	
C1708: [NO DATA] FL	—	—	—	×	WT-25
C1709: [NO DATA] FR	—	—	—	×	
C1710: [NO DATA] RR	—	—	—	×	
C1711: [NO DATA] RL	—	—	—	×	

BCM (BODY CONTROL MODULE)

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

CONSULT display	Fail-safe	Freeze Frame Data •Vehicle Speed •Odo/Trip Meter •Vehicle Condition	Intelligent Key warning lamp ON	Tire pressure monitor warning lamp ON	Reference page
C1716: [PRESSDATA ERR] FL	—	—	—	×	WT-28
C1717: [PRESSDATA ERR] FR	—	—	—	×	
C1718: [PRESSDATA ERR] RR	—	—	—	×	
C1719: [PRESSDATA ERR] RL	—	—	—	×	
C1729: VHCL SPEED SIG ERR	—	—	—	×	WT-30
C1734: CONTROL UNIT	—	—	—	×	WT-32

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

DOOR MIRROR DOES NOT OPERATE

Diagnosis Procedure

INFOID:000000009065346

1.CHECK AUTOMATIC DRIVE POSITIONER SYSTEM

Check door mirror operate with automatic drive positioner system.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Check automatic drive positioner system operation. Refer to [ADP-12, "AUTOMATIC DRIVE POSITIONER SYSTEM : System Diagram"](#).

2.CHECK DOOR MIRROR REMOTE CONTROL SWITCH (MIRROR SWITCH)

Check mirror switch.

Refer to [MIR-12, "MIRROR SWITCH : Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

3.CHECK DOOR MIRROR REMOTE CONTROL SWITCH (CHANGEOVER SWITCH)

Check changeover switch.

Refer to [MIR-14, "CHANGEOVER SWITCH : Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace the malfunctioning parts.

4.CONFIRM THE OPERATION

Confirm the operation again.

Is the result normal?

YES >> Check intermittent incident. Refer to [GI-42, "Intermittent Incident"](#).

NO >> GO TO 1.

A

B

C

D

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H

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O

P

REVERSE INTERLOCK DOOR MIRROR DOES NOT OPERATE

< SYMPTOM DIAGNOSIS >

[WITH ADP]

REVERSE INTERLOCK DOOR MIRROR DOES NOT OPERATE

Diagnosis Procedure

INFOID:0000000009065347

1.CHECK DOOR MIRROR (MANUAL FUNCTION)

Check door mirror function with door mirror remote control switch.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2.CHECK DTC

Check DTC for TCM.

Refer to [TM-158, "DTC Index"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

3.CONFIRM THE OPERATION

Confirm the operation again.

Is the result normal?

YES >> Check intermittent incident. Refer to [GI-42, "Intermittent Incident"](#).

NO >> GO TO 1.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

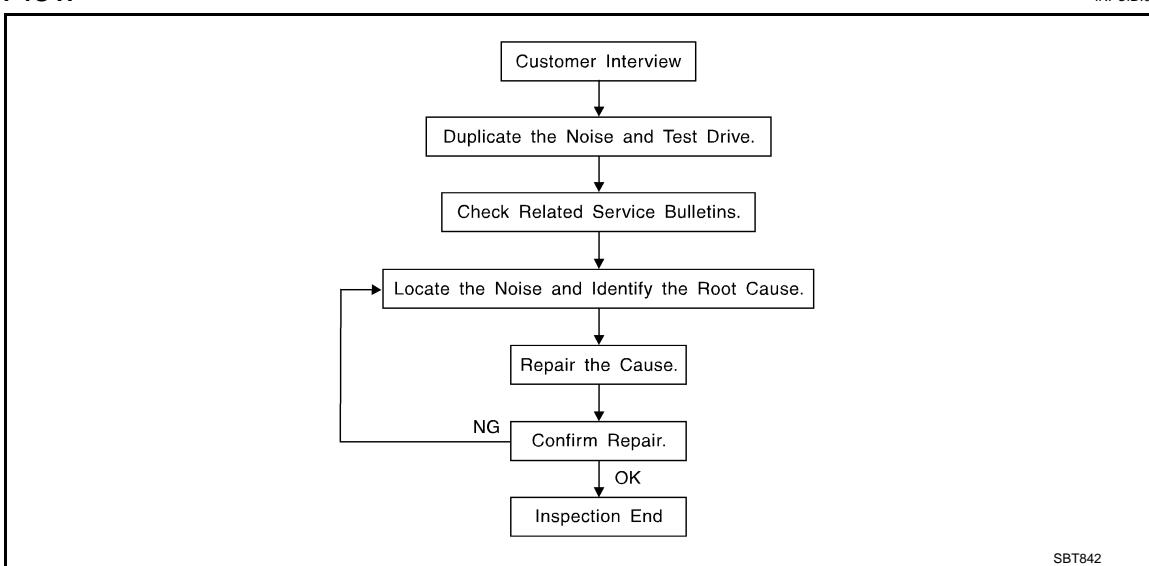
< SYMPTOM DIAGNOSIS >

[WITH ADP]

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:0000000009065348



SBT842

CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any of customer's comments; refer to [MIR-115, "Diagnostic Worksheet"](#). This information is necessary to duplicate the conditions that exist when the noise occurs.

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

MIR

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 you confirm the repair.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

[WITH ADP]

< SYMPTOM DIAGNOSIS >

If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following:

- 1) Close a door.
 - 2) Tap or push/pull around the area where the noise appears to be coming from.
 - 3) Rev the engine.
 - 4) Use a floor jack to recreate vehicle "twist".
 - 5) At idle, apply engine load (electrical load, half-clutch on M/T models, drive position on A/T models).
 - 6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.
- Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.
 - If it is difficult to duplicate the noise, drive the vehicle slowly on an undulating or rough road to stress the vehicle body.

CHECK RELATED SERVICE BULLETINS

After verifying the customer concern or symptom, check ASIST for Technical Service Bulletins (TSBs) related to that concern or symptom.

If a TSB relates to the symptom, follow the procedure to repair the noise.

LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis Ear: J-39570, Engine Ear and mechanics stethoscope).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:
 - removing the components in the area that you suspect the noise is coming from.
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 you suspect is causing 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 with your hand by touching the component(s) that you suspect is (are) causing the noise.
 - placing a piece of paper between components that you suspect are causing the noise.
 - looking for loose components and contact marks.

Refer to [MIR-113, "Inspection Procedure"](#).

REPAIR THE CAUSE

- If the cause is a loose component, tighten the component securely.
- If the cause is insufficient clearance between components:
 - separate components by repositioning or loosening and retightening the component, if possible.
 - insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape or urethane tape. A Nissan Squeak and Rattle Kit (J-43980) is available through your authorized Nissan Parts Department.

CAUTION:

Do not use excessive force as many components are constructed of plastic and may be damaged.

NOTE:

Always check with the Parts Department for the latest parts information.

The following materials are contained in the Nissan Squeak and Rattle Kit (J-43980). Each item can be ordered separately as needed.

URETHANE PADS [1.5 mm (0.059 in) thick]

Insulates connectors, harness, etc.

76268-9E005: 100 × 135 mm (3.94 × 5.31 in)/76884-71L01: 60 × 85 mm (2.36 × 3.35 in)/76884-71L02: 15 × 25 mm (0.59 × 0.98 in)

INSULATOR (Foam blocks)

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

73982-9E000: 45 mm (1.77 in) thick, 50 × 50 mm (1.97 × 1.97 in)/73982-50Y00: 10 mm (0.39 in) thick, 50 × 50 mm (1.97 × 1.97 in)

INSULATOR (Light foam block)

80845-71L00: 30 mm (1.18 in) thick, 30 × 50 mm (1.18 × 1.97 in)

FELT CLOTH TAPE

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

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

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

UHMW (TEFLON) TAPE

SQUEAK AND RATTLE TROUBLE DIAGNOSES

[WITH ADP]

< SYMPTOM DIAGNOSIS >

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

SILICONE GREASE

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

SILICONE SPRAY

Use when grease cannot be applied.

DUCT TAPE

Use 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:0000000009065349

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

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

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

CAUTION:

Do not use silicone spray to isolate a squeak or rattle. If you saturate the area with silicone, you will not be able to recheck the repair.

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:

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. You can usually insulate the areas with felt cloth tape or insulator foam blocks from the Nissan Squeak and Rattle Kit (J-43980) to repair the noise.

TRUNK

Trunk noises are often caused by a loose jack or loose items put into the trunk by the owner.

In addition look for:

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES

[WITH ADP]

< SYMPTOM DIAGNOSIS >

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

SUNROOF/HEADLINING

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

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

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

SEATS

When isolating seat noise it's important to note the position the seat is in and the load placed on the seat when the noise is present. These conditions should be duplicated when verifying and isolating the cause of the noise.

Cause of seat noise include:

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

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

UNDERHOOD

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

Causes of transmitted underhood noise include:

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

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

[WITH ADP]

Diagnostic Worksheet

INFOID:0000000009065350



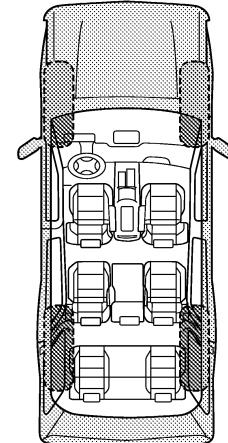
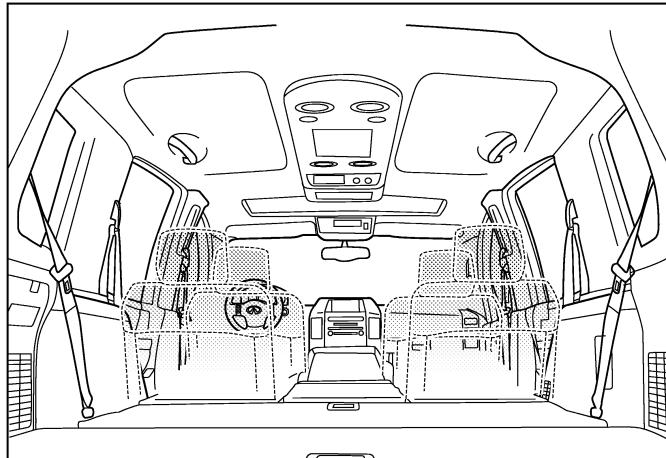
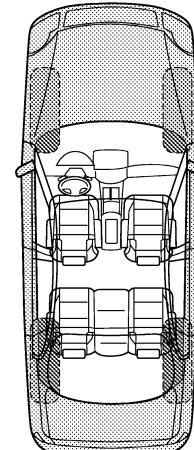
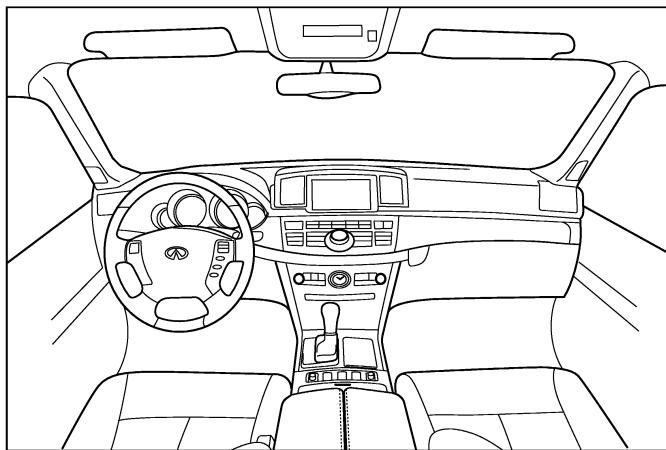
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

Dear Infiniti Customer:

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

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

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



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

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

[WITH ADP]

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)

- | | |
|---|--|
| <input type="checkbox"/> anytime | <input type="checkbox"/> after sitting out in the rain |
| <input type="checkbox"/> 1st time in the morning | <input type="checkbox"/> when it is raining or wet |
| <input type="checkbox"/> only when it is cold outside | <input type="checkbox"/> dry or dusty conditions |
| <input type="checkbox"/> only when it is hot outside | <input type="checkbox"/> other: _____ |

III. WHEN DRIVING:

- | | |
|---|--|
| <input type="checkbox"/> through driveways | <input type="checkbox"/> squeak (like tennis shoes on a clean floor) |
| <input type="checkbox"/> over rough roads | <input type="checkbox"/> creak (like walking on an old wooden floor) |
| <input type="checkbox"/> over speed bumps | <input type="checkbox"/> rattle (like shaking a baby rattle) |
| <input type="checkbox"/> only about _____ mph | <input type="checkbox"/> knock (like a knock at the door) |
| <input type="checkbox"/> on acceleration | <input type="checkbox"/> tick (like a clock second hand) |
| <input type="checkbox"/> coming to a stop | <input type="checkbox"/> thump (heavy, muffled knock noise) |
| <input type="checkbox"/> on turns: left, right or either (circle) | <input type="checkbox"/> buzz (like a bumble bee) |
| <input type="checkbox"/> with passengers or cargo | |
| <input type="checkbox"/> other: _____ | |
| <input type="checkbox"/> after driving _____ miles or _____ minutes | |

IV. WHAT TYPE OF NOISE

- | |
|--|
| <input type="checkbox"/> squeak (like tennis shoes on a clean floor) |
| <input type="checkbox"/> creak (like walking on an old wooden floor) |
| <input type="checkbox"/> rattle (like shaking a baby rattle) |
| <input type="checkbox"/> knock (like a knock at the door) |
| <input type="checkbox"/> tick (like a clock second hand) |
| <input type="checkbox"/> thump (heavy, muffled knock noise) |
| <input type="checkbox"/> 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 | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| - Noise verified on test drive | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| - Noise source located and repaired | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| - Follow up test drive performed to confirm repair | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

VIN: _____ Customer Name: _____
W.O.# _____ Date: _____

This form must be attached to Work Order

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< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:0000000009065351

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

Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

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

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

WARNING:

Always observe the following items for preventing accidental activation.

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

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PREPARATION

< PREPARATION >

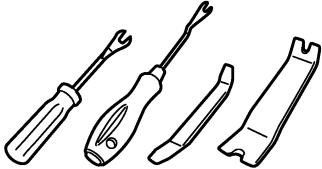
[WITH ADP]

PREPARATION

PREPARATION

Commercial Service Tools

INFOID:000000009065352

Tool name	Description
Remover tool  JMKIA3050ZZ	Remove the clip, pawl and metal clip

< REMOVAL AND INSTALLATION >

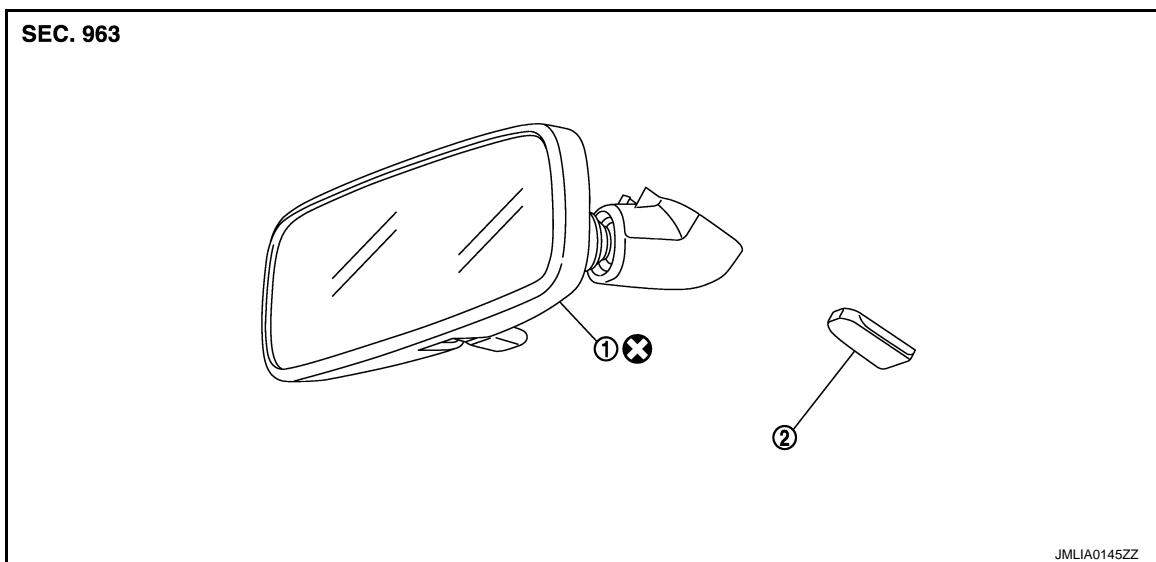
REMOVAL AND INSTALLATION

INSIDE MIRROR

Exploded View

INFOID:0000000009065353

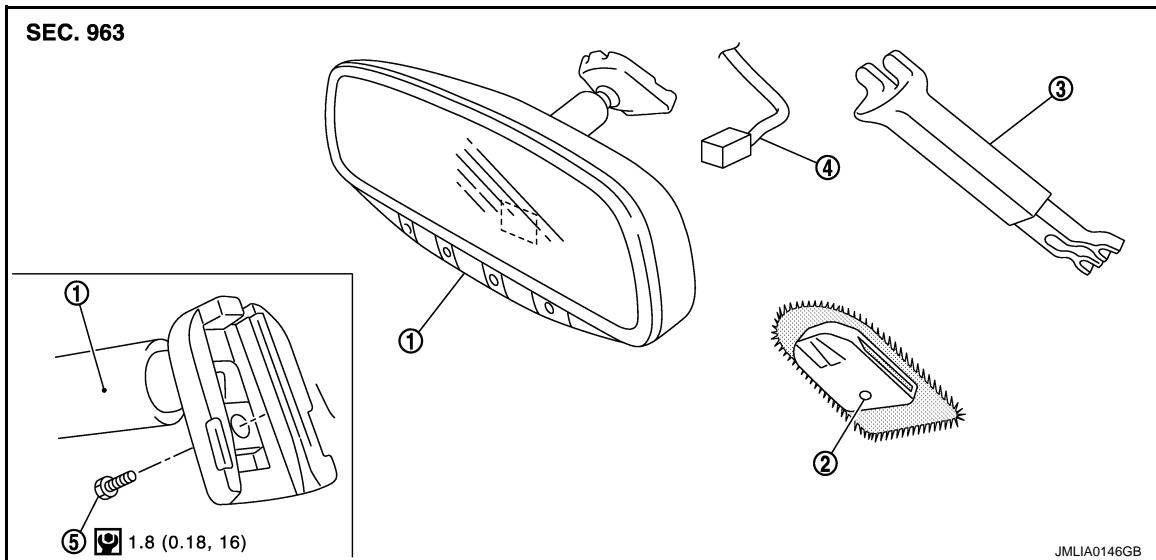
Base



1. Inside mirror
2. Mirror base

: Always replace after every disassembly

Option



1. Inside mirror
2. Mirror base
3. Inside mirror cover
4. Harness connector
5. TORX bolt

: N·m (kg·m, in·lb)

Removal and Installation

INFOID:0000000009065354

REMOVAL

INSIDE MIRROR

[WITH ADP]

< REMOVAL AND INSTALLATION >

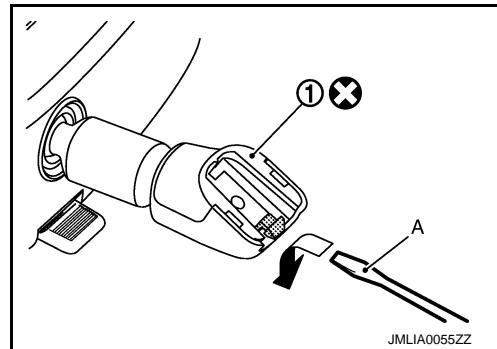
Base model

1. Insert minus driver (A) under the inside mirror (1).
2. Slide the inside mirror to the upper side while pushing the pawl downward.

 : Always replace after every disassembly

CAUTION:

Never use excessive force to remove the inside mirror because it is inserted tightly into the mirror base.



Option model

1. Remove the inside mirror cover.
2. Remove TORX bolt.
3. Disconnect harness connector.
4. Slide the inside mirror upward to remove.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

When inserting the inside mirror into the mirror base, be sure to push the pawl until it get connected to the mirror base.

OUTSIDE MIRROR

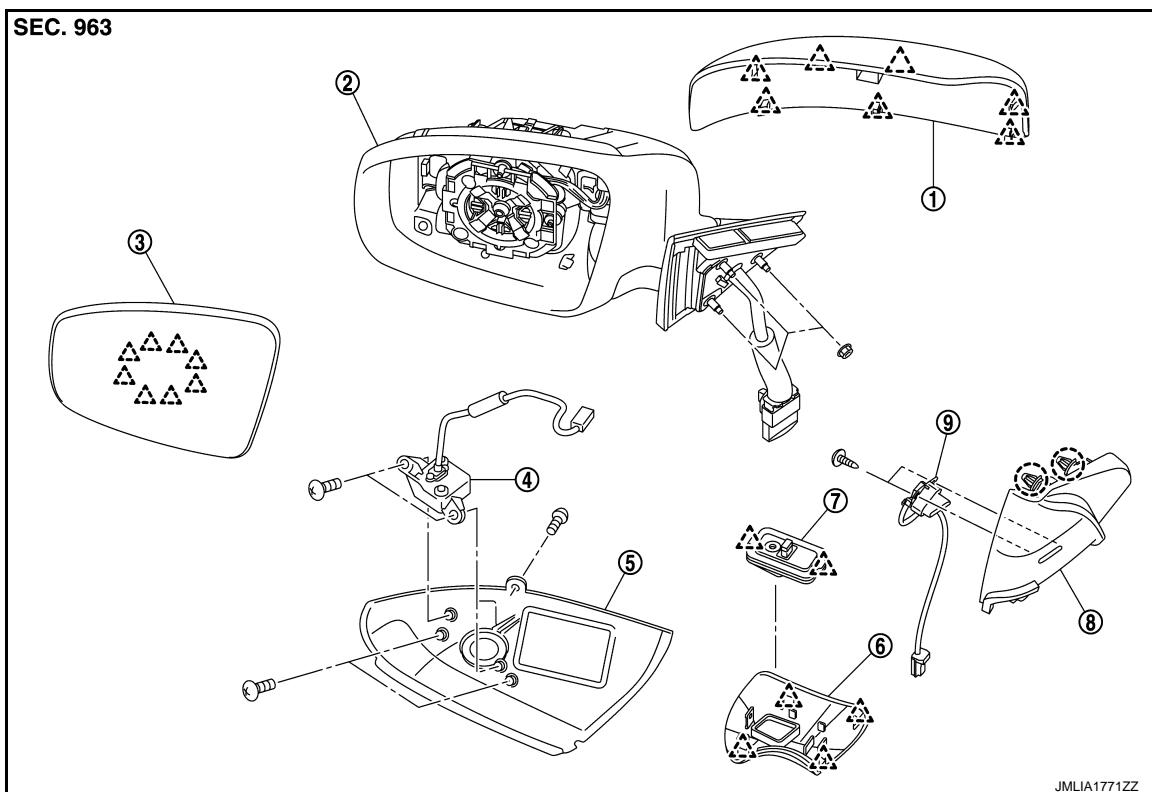
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< REMOVAL AND INSTALLATION >

OUTSIDE MIRROR

Exploded View

INFOID:0000000009065355



- | | | |
|--|---|------------------|
| 1. Door mirror cover | 2. Mirror assembly | 3. Glass mirror |
| 4. Side camera assembly (with side camera model) | 5. Side camera finisher assembly (with side camera model) | 6. Base cover |
| 7. Puddle lamp | 8. Door mirror corner cover | 9. BSW indicator |

○ : Clip

△ : Pawl

DOOR MIRROR ASSEMBLY

DOOR MIRROR ASSEMBLY : Removal and Installation

INFOID:0000000009065356

MIR

REMOVAL

1. Remove front door finisher.
 - Driver side: Refer to [INT-11, "DRIVER SIDE : Removal and Installation".](#)
 - Passenger side: Refer to [INT-14, "PASSENGER SIDE : Removal and Installation".](#)
2. Disconnect BSW indicator harness connector. (if equipped)
3. Remove door corner cover fixing clips and remove door corner cover.
4. Disconnect door mirror harness connector.
5. Remove mounting nuts, and then remove door mirror assembly.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

Perform camera image calibration. Refer to [AV-428, "CALIBRATING CAMERA IMAGE \(AROUND VIEW MONITOR\) : Work Procedure".](#)

OUTSIDE MIRROR

[WITH ADP]

< REMOVAL AND INSTALLATION >

DOOR MIRROR ASSEMBLY : Disassembly and Assembly

INFOID:0000000009065357

DISASSEMBLY

1. Remove door mirror cover. Refer to [MIR-122, "DOOR MIRROR COVER : Removal and Installation"](#).
2. Remove side camera after removing door mirror assembly.(BOSE audio with navigation model)
 - Side camera LH: Refer to [AV-538, "Removal and Installation"](#).
 - Side camera RH: Refer to [AV-539, "Removal and Installation"](#).
3. Remove base cover and puddle lamp.

ASSEMBLY

Assemble in the reverse order of disassemble.

GLASS MIRROR

GLASS MIRROR : Removal and Installation

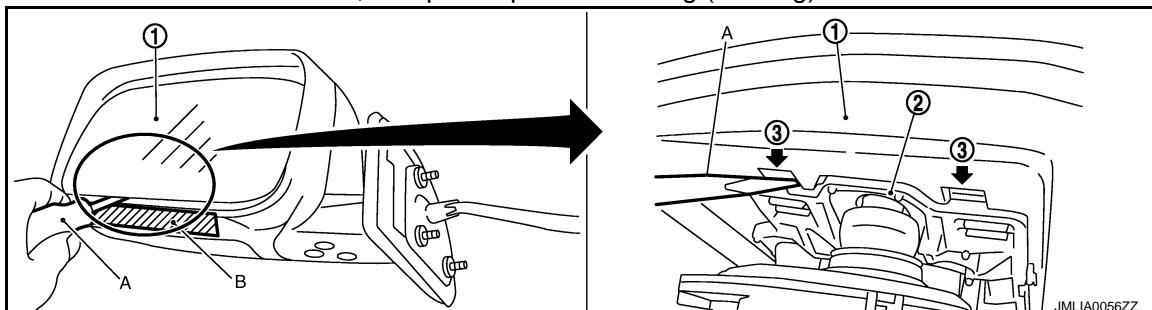
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DISASSEMBLY

1. Place the glass mirror upward.
2. Put a strip of protective tape (B) on housing assembly.
3. As shown in the figure, insert a flat-bladed screwdriver (A) into the recess between glass mirror (1) and actuator (2). Push up both pawls (3) simultaneously to remove glass mirror lower half side.

NOTE:

Insert screwdriver into recesses, and push up while rotating (twisting) to make work easier.



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4. Remove two terminals of mirror heater attachment.
5. Lightly lift up lower side of glass mirror, and detach both pawls of upper side as if pulling it out. Disassemble glass mirror from actuator.

NOTE:

Be certain not to allow grease on sealing agent in center of mirror or back side of glass mirror.

ASSEMBLY

Assemble in the reverse order of disassemble.

CAUTION:

After installation, visually check that pawls are securely engaged.

DOOR MIRROR COVER

DOOR MIRROR COVER : Removal and Installation

INFOID:0000000009065359

CAUTION:

Do not damage the mirror bodies.

DISASSEMBLY

1. Remove the glass mirror. Refer to [MIR-122, "GLASS MIRROR : Removal and Installation"](#).
2. Remove the pawls, and disassemble the door mirror cover from the mirror assembly.

ASSEMBLY

Assemble in the reverse order of disassemble.

CAUTION:

After installation, visually check that pawls are securely engaged.

DOOR MIRROR REMOTE CONTROL SWITCH

< REMOVAL AND INSTALLATION >

[WITH ADP]

DOOR MIRROR REMOTE CONTROL SWITCH

Exploded View

INFOID:0000000009065360

Refer to [INT-11, "DRIVER SIDE : Exploded View".](#)

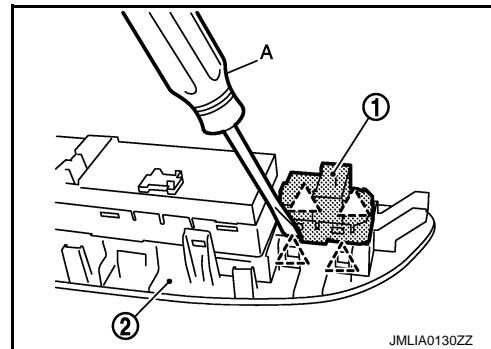
Removal and Installation

INFOID:0000000009065361

REMOVAL

1. Remove the power window main switch finisher. Refer to [INT-11, "DRIVER SIDE : Removal and Installation".](#)
2. Remove door mirror remote control switch (1) from power window main switch finisher (2) using remover tool (A).

 : Pawl



INSTALLATION

Install in the reverse order of removal.

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SYSTEM DESCRIPTION**DOOR MIRROR SYSTEM****Component Description**

INFOID:000000009065362

Component	Function
Door mirror remote control switch	It supplies power to mirror motor through mirror switch and changeover switch.
Door mirror	It makes mirror face operate from side to side and up and down with the mirror control switch operation.

INSIDE MIRROR SYSTEM

< SYSTEM DESCRIPTION >

[WITHOUT ADP]

INSIDE MIRROR SYSTEM

System Description

INFOID:0000000009065363

The sensor built in inside mirror detects the brightness of headlight of the vehicle behind and automatically changes the light transmission to decrease the brightness.

Component Description

INFOID:0000000009065364

Component	Function
Auto anti-dazzling inside mirror	It automatically changes the light transmittance according to the brightness of the light from the headlight of the vehicle behind.

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DOOR MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

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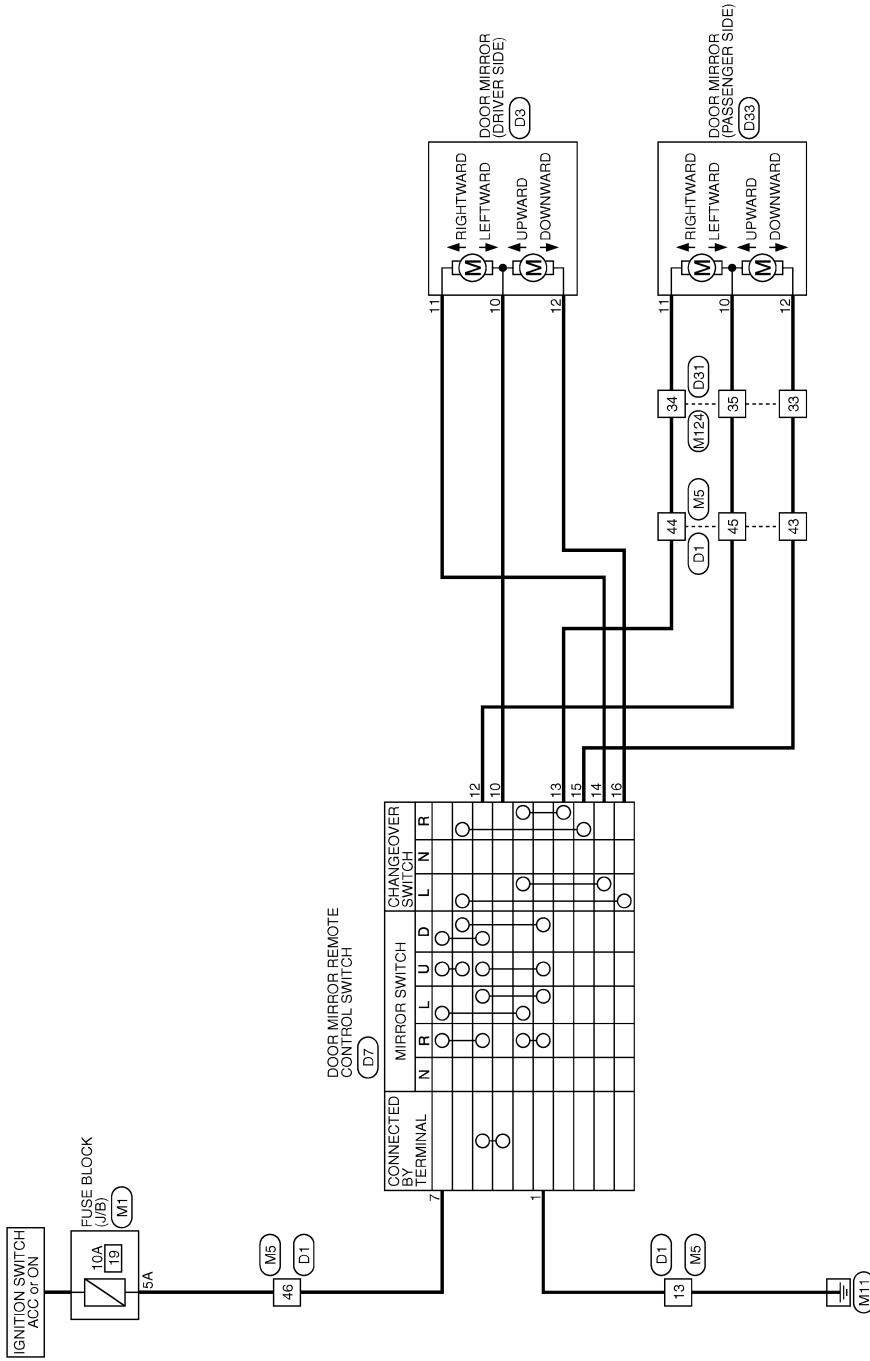
DTC/CIRCUIT DIAGNOSIS

DOOR MIRROR SYSTEM

Wiring Diagram - DOOR MIRROR (WITHOUT AUTOMATIC DRIVE POSITIONER) -

INFOID:000000009065365

DOOR MIRROR (WITHOUT AUTOMATIC DRIVE POSITIONER)



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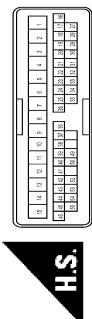
DOOR MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

[WITHOUT ADP]

DOOR MIRROR (WITHOUT AUTOMATIC DRIVE POSITIONER)

Connector No.	D1	Signal Name [Specification]	
Connector Name	WIRE TO WIRE		
Connector Type	TH40FW-CS15		



H.S.

Terminal Color Of No.	Wire	Signal Name [Specification]	
1	R	-	
2	B	-	
3	V	-	
4	W	-	
5	L	-	
6	O	-	
7	GR	-	
8	W	-	
9	O	-	
10	BR	-	
11	P	-	
12	LG	-	
13	B	-	
14	Y	-	
15	W	-	
16	R	-	
17	W	-	
18	G	-	
19	Y	-	
20	W	-	
21	O	-	
22	P	-	
23	BR	-	
24	Y	-	
25	GR	-	
26	Y	-	
27	B	-	
28	SHEILD	-	
29	LG	-	
30	G	-	
31	W	-	
32	G	-	
33	L	-	
34	SB	-	
35	R	-	

21	GR	-	
22	BR	-	
23	Y	-	
24	V	-	
25	BR	-	
26	W	-	
27	BR	-	
28	Y	-	
29	BR	-	
30	W	-	
31	BR	-	
32	Y	-	
33	BR	-	
34	Y	-	
35	BR	-	

18	R	-	
19	Y	-	
20	B	-	
21	BR	-	
22	G	-	
23	P	-	
24	W	-	
25	SB	-	
26	R	-	
27	SHEILD	-	
28	Y	-	
29	BR	-	
30	V	-	
31	LG	-	
32	BR	-	
33	O	-	
34	GR	-	
35	G	-	
36	Y	-	
37	BR	-	
38	B	-	
39	R	-	
40	G	-	
41	LG	-	
42	GR	-	
43	BR	-	
44	O	-	
45	GR	-	
46	W	-	
47	Y	-	
48	BR	-	
49	GR	-	
50	B	-	
51	R	-	
52	SB	-	
53	SB	-	
54	O	-	
55	Y	-	

22	V	-	
23	P	-	
24	W	-	
25	SB	-	
26	R	-	
27	SHEILD	-	
28	Y	-	
29	BR	-	
30	V	-	
31	LG	-	
32	BR	-	
33	O	-	
34	GR	-	
35	G	-	
36	Y	-	
37	BR	-	
38	B	-	
39	R	-	
40	G	-	
41	LG	-	
42	GR	-	
43	BR	-	
44	O	-	
45	GR	-	
46	W	-	
47	Y	-	
48	BR	-	
49	GR	-	
50	B	-	
51	R	-	
52	SB	-	
53	GR	-	
54	O	-	
55	L	-	

22	V	-	
23	P	-	
24	W	-	
25	SB	-	
26	R	-	
27	SHEILD	-	
28	Y	-	
29	BR	-	
30	V	-	
31	LG	-	
32	BR	-	
33	O	-	
34	GR	-	
35	G	-	
36	Y	-	
37	BR	-	
38	B	-	
39	R	-	
40	G	-	
41	LG	-	
42	GR	-	
43	BR	-	
44	O	-	
45	GR	-	
46	W	-	
47	Y	-	
48	BR	-	
49	GR	-	
50	B	-	
51	R	-	
52	SB	-	
53	GR	-	
54	O	-	
55	L	-	

DOOR MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

[WITHOUT ADP]

DOOR MIRROR (WITHOUT AUTOMATIC DRIVE POSITIONER)

Terminal No.	Color Of Wire	Signal Name [Specification]	Connector No.	MS
3	W	SIDE CAMERA RH COMM	Connector Name	WIRE TO WIRE
4	LG	SIDE CAMERA RH IMAGE SIGNAL	Connector Type	TH40MW-CS15
5	B	SIDE CAMERA RH POWER SUPPLY		
6	R	-		
7	L	-		
10	G	-		
11	GR	-		
12	O	-		
16	BR	-		
17	G	SIDE CAMERA RH IMAGE GND		
18	Y	SIDE CAMERA RH GND		
19	B	-		
21	P	-		
22	Y	-		
23	W	-		
24	V	-		
5	L	-		
6	R	-		
7	R	-		
8	W	-		
9	G	-		
10	L	-		
11	G	-		
12	V	-		
13	B	-		
14	Y	-		
15	W	-		
16	R	-		
17	B	-		
18	G	-		
19	Y	-		
20	L	-		
21	LG	-		
22	L	-		
23	G	-		
24	Y	-		
25	GR	-		
26	R	-		
27	W	-		
28	SHIELD	-		
29	Y	-		
30	Y	-		
31	R	-		
32	BR	-		
33	SB	-		
34	Y	-		
35	P	-		
36	LG	-		

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AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

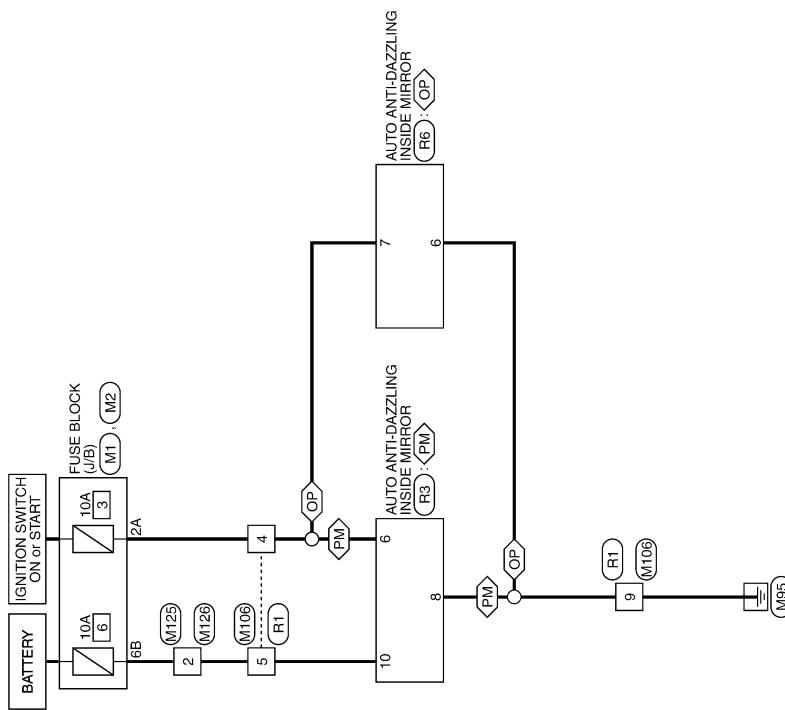
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AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

Wiring Diagram - INSIDE MIRROR SYSTEM -

INFOID:000000009065366

- ◆ PM : With automatic drive positioner
- ◆ OP : Without automatic drive positioner



INSIDE MIRROR

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AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

[WITHOUT ADP]

INSIDE MIRROR

Connector No.	Signal Name [Specification]	Terminal Color Of Wire No.	Signal Name [Specification]
M1	FUSE BLOCK (JB)	1 G	
Connector Name		2 R	
Connector Type	N101FW-CS	3 L	
M106	WIRE TO WIRE	4 BR	
Connector No.		5 Y	
Connector Name		6 W	
Connector Type	N101MW-CS10	7 B	
		8 G	
		9 R	
		10 BR	
		11 Y	
		12 W	
		13 B	
		14 BR	
		15 Y	
		16 W	
		17 B	
		18 R	
		19 G	
		20 BR	
		21 Y	
		22 W	
		23 B	

Connector No.	Signal Name [Specification]	Terminal Color Of Wire No.	Signal Name [Specification]
M125	WIRE TO WIRE	1 R	
Connector No.		2 G	
Connector Name		3 B	
Connector Type	N101FW-CS10	4 BR	
		5 Y	
		6 W	
		7 B	
		8 R	
		9 BR	
		10 Y	
		11 W	
		12 B	
		13 BR	
		14 Y	
		15 W	
		16 B	
		17 R	
		18 BR	
		19 Y	
		20 W	

Connector No.	Signal Name [Specification]	Terminal Color Of Wire No.	Signal Name [Specification]
M126	WIRE TO WIRE	1 R	
Connector No.		2 G	
Connector Name		3 B	
Connector Type	M03MW-LC	4 BR	
		5 Y	
		6 W	
		7 B	
		8 R	
		9 BR	
		10 Y	
		11 W	
		12 B	
		13 BR	
		14 Y	
		15 W	
		16 B	
		17 R	
		18 BR	
		19 Y	
		20 W	

Connector No.	Signal Name [Specification]	Terminal Color Of Wire No.	Signal Name [Specification]
R6	IGN	1 BR	
Connector No.		2 B	
Connector Name		3 R	
Connector Type	R6	4 BR	
		5 Y	
		6 W	
		7 B	
		8 R	
		9 BR	
		10 Y	
		11 W	
		12 B	
		13 BR	
		14 Y	
		15 W	
		16 B	
		17 R	
		18 BR	
		19 Y	
		20 W	

Connector No.	Signal Name [Specification]	Terminal Color Of Wire No.	Signal Name [Specification]
M127	WIRE TO WIRE	1 R	
Connector No.		2 G	
Connector Name		3 B	
Connector Type	M03FW-LC	4 BR	
		5 Y	
		6 W	
		7 B	
		8 R	
		9 BR	
		10 Y	
		11 W	
		12 B	
		13 BR	
		14 Y	
		15 W	
		16 B	
		17 R	
		18 BR	
		19 Y	
		20 W	

Connector No.	Signal Name [Specification]	Terminal Color Of Wire No.	Signal Name [Specification]
C3	AUTO ANTI-DAZZLING INSIDE MIRROR	1 G	
Connector No.		2 BR	
Connector Name		3 L	
Connector Type	IH10EB-NH	4 BR	
		5 Y	
		6 W	
		7 B	
		8 R	
		9 BR	
		10 Y	
		11 W	
		12 B	
		13 BR	
		14 Y	
		15 W	
		16 B	
		17 R	
		18 BR	
		19 Y	
		20 W	

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

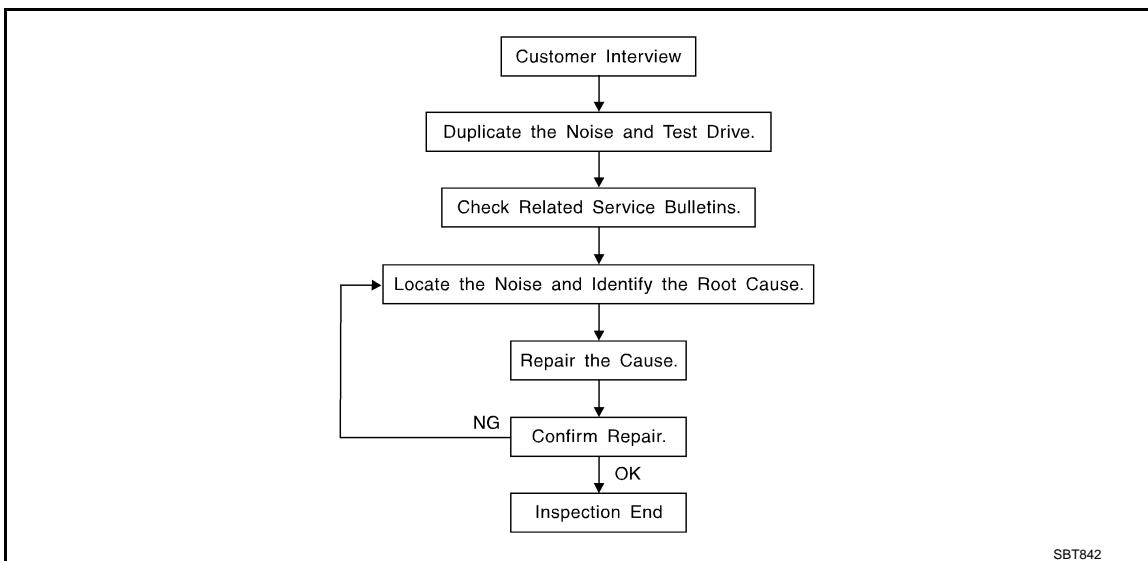
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SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:000000009065367



CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any of customer's comments; refer to [MIR-135, "Diagnostic Worksheet"](#). This information is necessary to duplicate the conditions that exist when the noise occurs.

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

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DUPLICATE THE NOISE AND TEST DRIVE

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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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 you confirm the repair.

If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following:

- 1) Close a door.
 - 2) Tap or push/pull around the area where the noise appears to be coming from.
 - 3) Rev the engine.
 - 4) Use a floor jack to recreate vehicle "twist".
 - 5) At idle, apply engine load (electrical load, half-clutch on M/T models, drive position on A/T models).
 - 6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.
- Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.
 - If it is difficult to duplicate the noise, drive the vehicle slowly on an undulating or rough road to stress the vehicle body.

CHECK RELATED SERVICE BULLETINS

After verifying the customer concern or symptom, check ASIST for Technical Service Bulletins (TSBs) related to that concern or symptom.

If a TSB relates to the symptom, follow the procedure to repair the noise.

LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis Ear: J-39570, Engine Ear and mechanics stethoscope).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:
 - removing the components in the area that you suspect the noise is coming from.
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 you suspect is causing 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 with your hand by touching the component(s) that you suspect is (are) causing the noise.
 - placing a piece of paper between components that you suspect are causing the noise.
 - looking for loose components and contact marks.
Refer to [MIR-133, "Inspection Procedure"](#).

REPAIR THE CAUSE

- If the cause is a loose component, tighten the component securely.
- If the cause is insufficient clearance between components:
 - separate components by repositioning or loosening and retightening the component, if possible.
 - insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape or urethane tape. A Nissan Squeak and Rattle Kit (J-43980) is available through your authorized Nissan Parts Department.

CAUTION:

Do not use excessive force as many components are constructed of plastic and may be damaged.

NOTE:

Always check with the Parts Department for the latest parts information.

The following materials are contained in the Nissan Squeak and Rattle Kit (J-43980). Each item can be ordered separately as needed.

URETHANE PADS [1.5 mm (0.059 in) thick]

Insulates connectors, harness, etc.

76268-9E005: 100 × 135 mm (3.94 × 5.31 in)/76884-71L01: 60 × 85 mm (2.36 × 3.35 in)/76884-71L02: 15 × 25 mm (0.59 × 0.98 in)

INSULATOR (Foam blocks)

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

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

50Y00: 10 mm (0.39 in) thick, 50 × 50 mm (1.97 × 1.97 in)

INSULATOR (Light foam block)

80845-71L00: 30 mm (1.18 in) thick, 30 × 50 mm (1.18 × 1.97 in)

FELT CLOTH TAPE

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

[WITHOUT ADP]

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

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

UHMW (TEFLON) TAPE

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

SILICONE GREASE

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

SILICONE SPRAY

Use when grease cannot be applied.

DUCT TAPE

Use 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

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

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

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

CAUTION:

Do not use silicone spray to isolate a squeak or rattle. If you saturate the area with silicone, you will not be able to recheck the repair.

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.

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DOORS

Pay attention to the:

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. You can usually insulate the areas with felt cloth tape or insulator foam blocks from the Nissan Squeak and Rattle Kit (J-43980) to repair the noise.

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TRUNK

Trunk noises are often caused by a loose jack or loose items put into the trunk by the owner.

In addition look for:

1. Trunk lid dumpers out of adjustment
2. Trunk lid striker out of adjustment

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

[WITHOUT ADP]

3. The trunk lid torsion bars knocking together
4. A loose license plate or bracket

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

SUNROOF/HEADLINING

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

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

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

SEATS

When isolating seat noise it's important to note the position the seat is in and the load placed on the seat when the noise is present. These conditions should be duplicated when verifying and isolating the cause of the noise.

Cause of seat noise include:

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

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

UNDERHOOD

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

Causes of transmitted underhood noise include:

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

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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Diagnostic Worksheet

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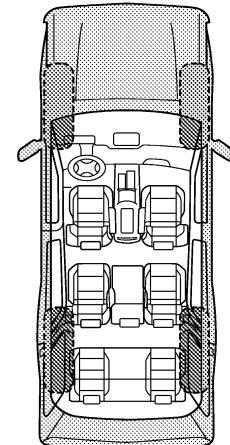
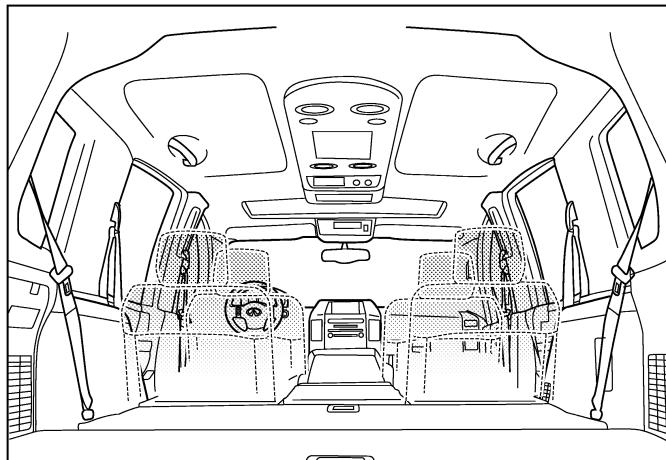
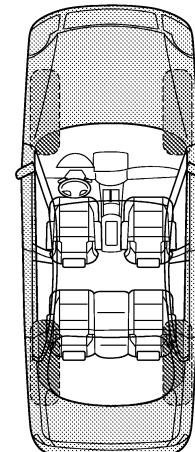
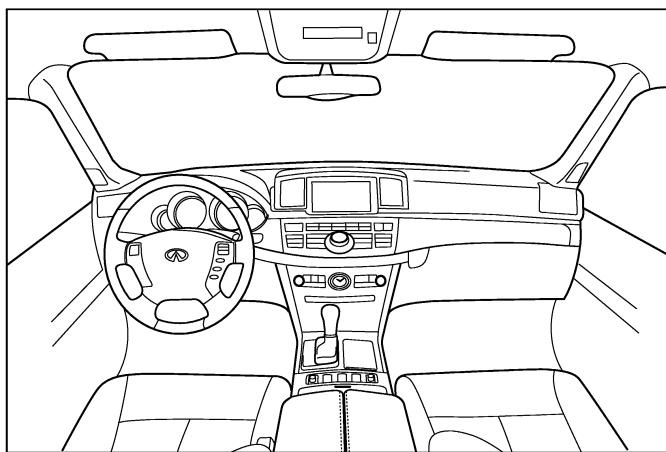
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

Dear Infiniti Customer:

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

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

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



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

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

[WITHOUT ADP]

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)

- | | |
|---|--|
| <input type="checkbox"/> anytime | <input type="checkbox"/> after sitting out in the rain |
| <input type="checkbox"/> 1st time in the morning | <input type="checkbox"/> when it is raining or wet |
| <input type="checkbox"/> only when it is cold outside | <input type="checkbox"/> dry or dusty conditions |
| <input type="checkbox"/> only when it is hot outside | <input type="checkbox"/> other: |

III. WHEN DRIVING:

- | | |
|---|--|
| <input type="checkbox"/> through driveways | <input type="checkbox"/> squeak (like tennis shoes on a clean floor) |
| <input type="checkbox"/> over rough roads | <input type="checkbox"/> creak (like walking on an old wooden floor) |
| <input type="checkbox"/> over speed bumps | <input type="checkbox"/> rattle (like shaking a baby rattle) |
| <input type="checkbox"/> only about _____ mph | <input type="checkbox"/> knock (like a knock at the door) |
| <input type="checkbox"/> on acceleration | <input type="checkbox"/> tick (like a clock second hand) |
| <input type="checkbox"/> coming to a stop | <input type="checkbox"/> thump (heavy, muffled knock noise) |
| <input type="checkbox"/> on turns: left, right or either (circle) | <input type="checkbox"/> buzz (like a bumble bee) |
| <input type="checkbox"/> with passengers or cargo | |
| <input type="checkbox"/> other: _____ | |
| <input type="checkbox"/> after driving _____ miles or _____ minutes | |

IV. WHAT TYPE OF NOISE

- | |
|--|
| <input type="checkbox"/> squeak (like tennis shoes on a clean floor) |
| <input type="checkbox"/> creak (like walking on an old wooden floor) |
| <input type="checkbox"/> rattle (like shaking a baby rattle) |
| <input type="checkbox"/> knock (like a knock at the door) |
| <input type="checkbox"/> tick (like a clock second hand) |
| <input type="checkbox"/> thump (heavy, muffled knock noise) |
| <input type="checkbox"/> 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 | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| - Noise verified on test drive | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| - Noise source located and repaired | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| - Follow up test drive performed to confirm repair | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

VIN: _____ Customer Name: _____
W.O.# _____ Date: _____

This form must be attached to Work Order

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< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

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

Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

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

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

WARNING:

Always observe the following items for preventing accidental activation.

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

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PREPARATION

<PREPARATION>

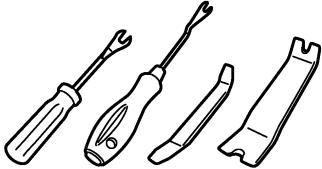
[WITHOUT ADP]

PREPARATION

PREPARATION

Commercial Service Tools

INFOID:000000009065371

Tool name	Description
Remover tool  JMKIA3050ZZ	Remove the clip and pawl and metal clip

< REMOVAL AND INSTALLATION >

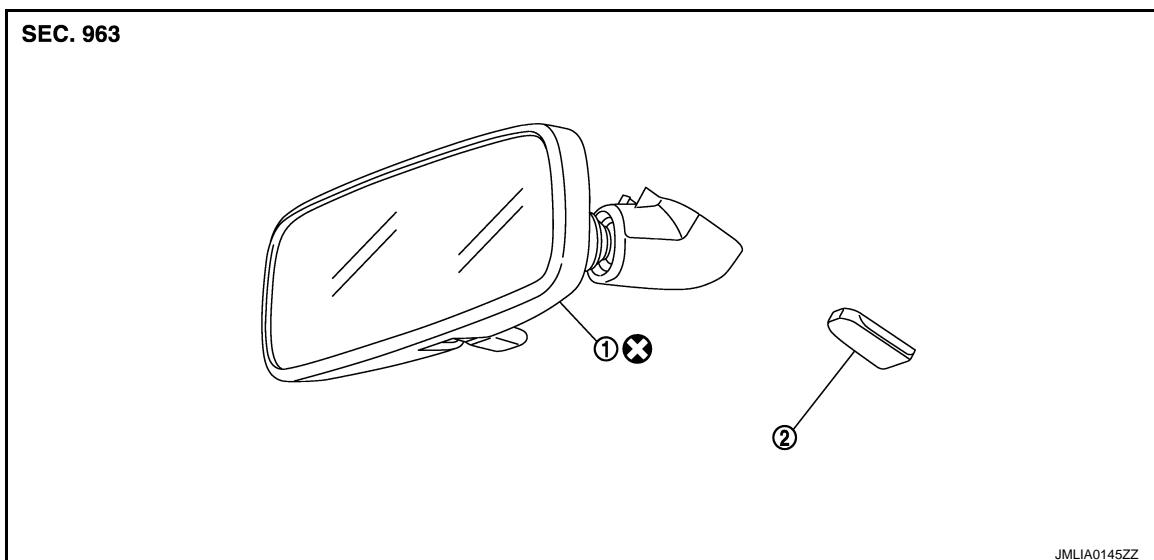
REMOVAL AND INSTALLATION

INSIDE MIRROR

Exploded View

INFOID:0000000009065372

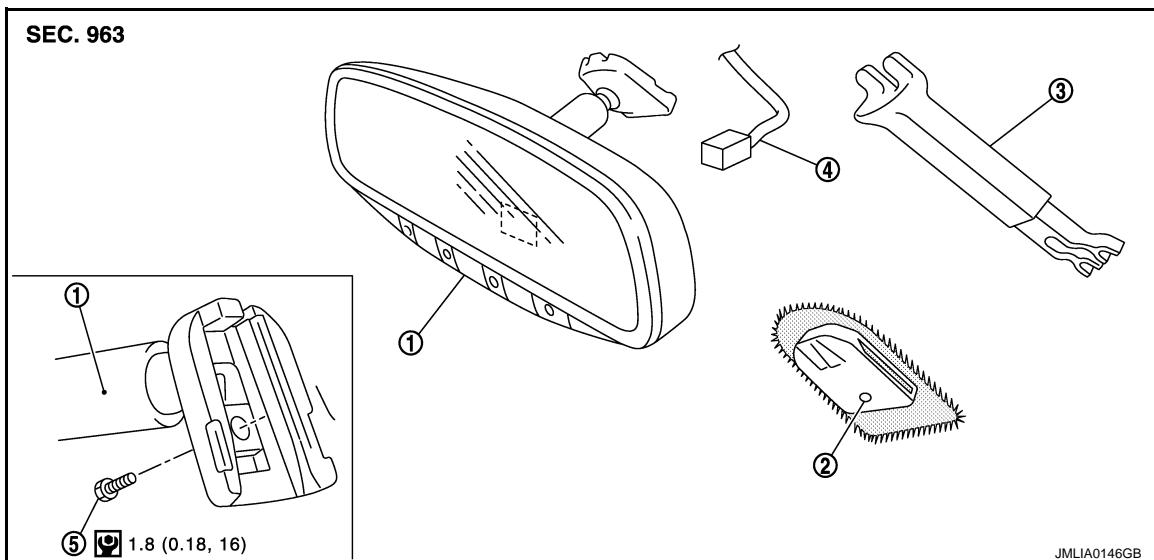
Base



1. Inside mirror
2. Mirror base

: Always replace after every disassembly

Option



1. Inside mirror
2. Mirror base
3. Inside mirror cover
4. Harness connector
5. TORX bolt

: N·m (kg·m, in·lb)

Removal and Installation

INFOID:0000000009065373

REMOVAL

INSIDE MIRROR

[WITHOUT ADP]

< REMOVAL AND INSTALLATION >

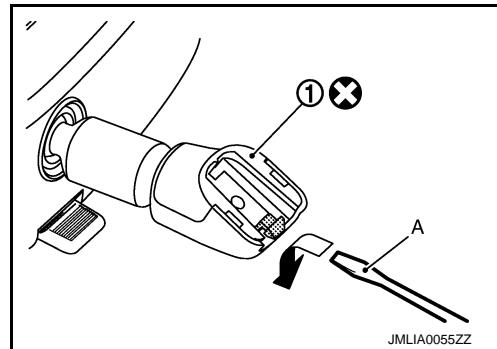
Base model

1. Insert minus driver (A) under the inside mirror (1).
2. Slide the inside mirror to the upper side while pushing the pawl downward.

 : Always replace after every disassembly

CAUTION:

Never use excessive force to remove the inside mirror because it is inserted tightly into the mirror base.



Option model

1. Remove the inside mirror cover.
2. Remove TORX bolt.
3. Disconnect harness connector.
4. Slide the inside mirror upward to remove.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

When inserting the inside mirror into the mirror base, be sure to push the pawl until it get connected to the mirror base.

OUTSIDE MIRROR

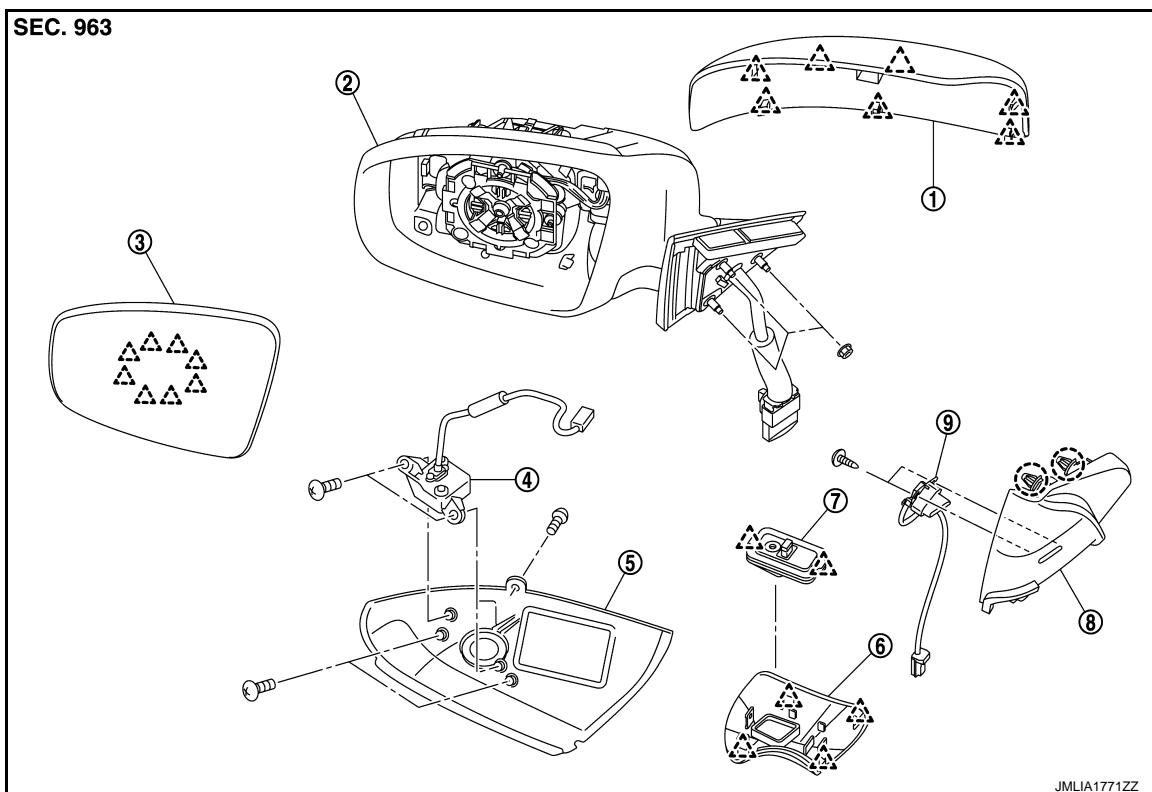
[WITHOUT ADP]

< REMOVAL AND INSTALLATION >

OUTSIDE MIRROR

Exploded View

INFOID:0000000009065374



1. Door mirror cover 2. Mirror assembly 3. Glass mirror
4. Side camera assembly (with side camera model) 5. Side camera finisher assembly (with side camera model) 6. Base cover
7. Puddle lamp 8. Door mirror corner cover 9. BSW indicator

○ : Clip

△ : Pawl

DOOR MIRROR ASSEMBLY

DOOR MIRROR ASSEMBLY : Removal and Installation

INFOID:0000000009065375

REMOVAL

1. Remove front door finisher.
 - Driver side: Refer to [INT-11, "DRIVER SIDE : Removal and Installation"](#).
 - Passenger side: Refer to [INT-14, "PASSENGER SIDE : Removal and Installation"](#).
2. Disconnect BSW indicator harness connector. (if equipped)
3. Remove door corner cover fixing clips and remove door corner cover.
4. Disconnect door mirror harness connector.
5. Remove door mirror mounting nuts, and remove door mirror assembly.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

Perform camera image calibration. Refer to [AV-428, "CALIBRATING CAMERA IMAGE \(AROUND VIEW MONITOR\) : Work Procedure"](#).

OUTSIDE MIRROR

< REMOVAL AND INSTALLATION >

[WITHOUT ADP]

DOOR MIRROR ASSEMBLY : Disassembly and Assembly

INFOID:0000000009065376

DISASSEMBLY

1. Remove door mirror cover. Refer to [MIR-142, "DOOR MIRROR COVER : Disassembly and Assembly"](#).
2. Remove side camera after removing door mirror assembly (BOSE audio with navigation model).
 - Side camera LH: Refer to [AV-538, "Removal and Installation"](#).
 - Side camera RH: Refer to [AV-539, "Removal and Installation"](#).
3. Remove base cover and puddle lamp.

ASSEMBLY

Assemble in the reverse order of disassemble.

GLASS MIRROR

GLASS MIRROR : Disassembly and Assembly

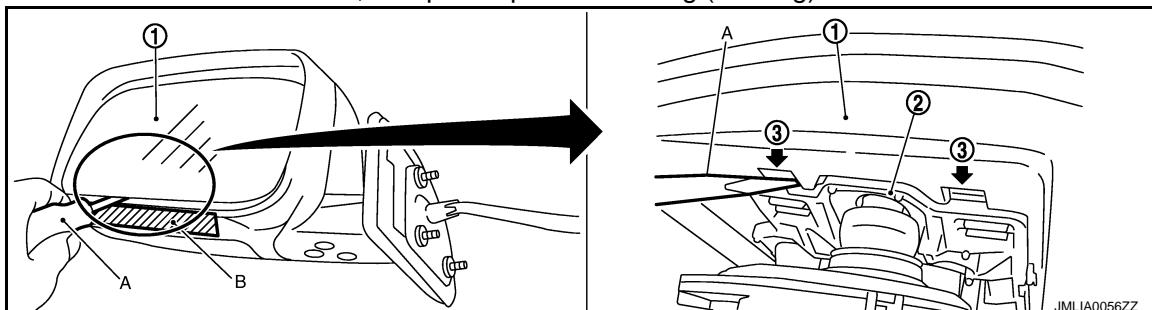
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DISASSEMBLY

1. Place the glass mirror upward.
2. Put a strip of protective tape (B) on housing assembly.
3. As shown in the figure, insert a flat-bladed screwdriver (A) into the recess between glass mirror (1) and actuator (2). Push up both pawls (3) simultaneously to remove glass mirror lower half side.

NOTE:

Insert screwdriver into recesses, and push up while rotating (twisting) to make work easier.



4. Remove two terminals of mirror heater attachment.
5. Lightly lift up lower side of glass mirror, and detach both pawls of upper side as if pulling it out. Disassemble glass mirror from actuator.

NOTE:

Be certain not to allow grease on sealing agent in center of mirror or back side of glass mirror.

ASSEMBLY

Assemble in the reverse order of disassemble.

CAUTION:

After installation, visually check that pawls are securely engaged.

DOOR MIRROR COVER

DOOR MIRROR COVER : Disassembly and Assembly

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CAUTION:

Do not damage the mirror bodies.

DISASSEMBLY

1. Remove the glass mirror. Refer to [MIR-142, "GLASS MIRROR : Disassembly and Assembly"](#).
2. Remove the pawls, and disassemble the door mirror cover from the mirror assembly.

ASSEMBLY

Assemble in the reverse order of disassemble.

CAUTION:

After installation, visually check that pawls are securely engaged.

DOOR MIRROR REMOTE CONTROL SWITCH

< REMOVAL AND INSTALLATION >

[WITHOUT ADP]

DOOR MIRROR REMOTE CONTROL SWITCH

Exploded View

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Refer to [INT-11, "DRIVER SIDE : Exploded View".](#)

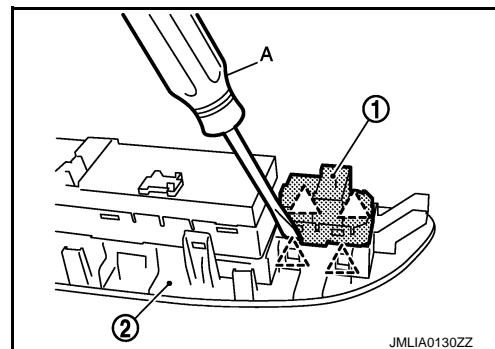
Removal and Installation

INFOID:0000000009065380

REMOVAL

1. Remove the power window main switch finisher. Refer to [INT-11, "DRIVER SIDE : Removal and Installation".](#)
2. Remove door mirror remote control switch (1) from power window main switch finisher (2) using remover tool (A).

 : Pawl



INSTALLATION

Install in the reverse order of removal.

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