

 D

Е

CONTENTS

WITH ADP	AUTO ANTI-DAZZLING INSIDE MIRROR	F
BASIC INSPECTION3	SYSTEM16 Wiring Diagram - INSIDE MIRROR SYSTEM16	
DIAGNOSIS AND REPAIR WORKFLOW 3 Work Flow	MIRROR SYSTEM19 Wiring Diagram - MIRROR SYSTEM19	G
SYSTEM DESCRIPTION4	ECU DIAGNOSIS INFORMATION28	Н
DOOR MIRROR SYSTEM 4 System Diagram 4 System Description 4 Component Parts Location 5 Component Description 6	DRIVER SEAT CONTROL UNIT	I
INSIDE MIRROR SYSTEM 7 System Description 7 Component Description 7	AUTOMATIC DRIVE POSITIONER CONTROL UNIT46	K
DIAGNOSIS SYSTEM (DRIVER SEAT CONTROL UNIT)	Reference Value46 Wiring Diagram - AUTOMATIC DRIVE POSI- TIONER CONTROL SYSTEM50	MIR
DTC/CIRCUIT DIAGNOSIS11	SYMPTOM DIAGNOSIS62	
DOOR MIRROR REMOTE CONTROL SWITCH11	DOOR MIRROR DOES NOT OPERATE62 Diagnosis Procedure62	M
MIRROR SWITCH	REVERSE INTERLOCK DOOR MIRROR DOES NOT OPERATE	N O
CHANGEOVER SWITCH13 CHANGEOVER SWITCH : Description	Work Flow	Р
Check13 CHANGEOVER SWITCH: Diagnosis Procedure13	PRECAUTION70	
CHANGEOVER SWITCH: Component Inspec-	PRECAUTIONS70	

Precaution for Supplemental Restraint System	MIRROR SYSTEM	84
(SRS) "AIR BAG" and "SEAT BELT PRE-TEN-	Wiring Diagram - MIRROR SYSTEM	84
SIONER" 70	OVMETOM DIA ONOGIO	
Precaution for Procedure without Cowl Top Cover 70	SYMPTOM DIAGNOSIS	88
Precautions for Removing Battery Terminal 71	SQUEAK AND RATTLE TROUBLE DIAG-	
PREPARATION72	NOSES	88
/2	Work Flow	
PREPARATION72	Inspection Procedure	
Commercial Service Tools72	Diagnostic Worksheet	
REMOVAL AND INSTALLATION73	PRECAUTION	94
INSIDE MIRROR73	PRECAUTIONS	0.4
Exploded View73	Precaution for Supplemental Restraint System	94
Removal and Installation	(SRS) "AIR BAG" and "SEAT BELT PRE-TEN-	
	SIONER"	94
DOOR MIRROR75	Precaution for Procedure without Cowl Top Cover.	
Exploded View75	Precautions for Removing Battery Terminal	
DOOR MIRROR ASSEMBLY75	PREPARATION	06
DOOR MIRROR ASSEMBLY : Removal and In-	FREFARATION	90
stallation	PREPARATION	96
DOOR MIRROR ASSEMBLY : Disassembly and	Commercial Service Tools	96
Assembly75	DEMOVAL AND INSTALLATION	
GLASS MIRROR 76	REMOVAL AND INSTALLATION	97
GLASS MIRROR: Removal and Installation 76	INSIDE MIRROR	97
2000 WDD0D 00VED	Exploded View	
DOOR MIRROR COVER76 DOOR MIRROR COVER : Removal and Installa-	Removal and Installation	
tion		
1011	DOOR MIRROR	
DOOR MIRROR REMOTE CONTROL	Exploded View	99
SWITCH78	DOOR MIRROR ASSEMBLY	99
Exploded View 78	DOOR MIRROR ASSEMBLY: Removal and In-	
Removal and Installation	stallation	99
WITHOUT ADP	DOOR MIRROR ASSEMBLY : Disassembly and	
SYSTEM DESCRIPTION79	Assembly	99
0101EM DE00KH 110K79	GLASS MIRROR	100
DOOR MIRROR SYSTEM79	GLASS MIRROR: Removal and Installation	
Component Description 79	DOOD MIDDOD COVED	400
INSIDE MIRROR SYSTEM80	DOOR MIRROR COVER : Removal and Installa-	
	tion	
System Description	tiO11	100
·	DOOR MIRROR REMOTE CONTROL	
DTC/CIRCUIT DIAGNOSIS81	SWITCH	
AUTO ANTI-DAZZLING INSIDE MIRROR	Exploded View	
SYSTEM81	Removal and Installation	102
Wiring Diagram - INSIDE MIRROR SYSTEM 81		

DIAGNOSIS AND REPAIR WORKFLOW

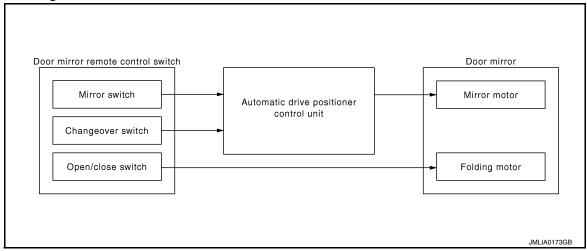
IWITH ADPI < BASIC INSPECTION > **BASIC INSPECTION** Α DIAGNOSIS AND REPAIR WORKFLOW Work Flow INFOID:0000000010577268 В **DETAILED FLOW** OBTAIN INFORMATION ABOUT SYMPTOM Interview the customer to obtain as much malfunction information (conditions and environment when the malfunction occurred) as possible when the customer brings the vehicle in. D >> GO TO 2. 2.CHECK DTC Е Perform self-diagnosis for automatic drive positioner (ADP) with CONSULT. Is any DTC detected? F YES >> Refer to ADP-142, "DTC Index". NO >> GO TO 3. $3.\mathsf{REPRODUCE}$ 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. Н >> GO TO 4. $oldsymbol{4}.$ 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. ${f 5}$. IDENTIFY MALFUNCTIONING PARTS WITH "COMPONENT DIAGNOSIS" Perform the diagnosis with "Component diagnosis" of the applicable system. >> GO TO 6. MIR $\mathsf{6}.\mathsf{REPAIR}$ OR REPLACE THE MALFUNCTIONING PARTS Repair or replace the specified malfunctioning parts. M >> GO TO 7. 7. FINAL CHECK Ν 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. Р

SYSTEM DESCRIPTION

DOOR MIRROR SYSTEM

System Diagram

INFOID:0000000010577269



System Description

INFOID:0000000010577270

MANUAL FUNCTION

Description

- Automatic drive positioner control unit controls door mirror.
- Automatic drive positioner control unit inputs changeover switch signal and performs 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.
- · Power is supplied to folding motor when operating the open/close switch.

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 using change over switch, and then set the selected mirror face downward/inward.
- When the ignition switch is in the ON position and A/T shift selector is in the 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 activates the mirror motor.

Operation Conditions

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

- · 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.

В

D

Е

- Initial setting is downward 7°, inward 1° (both of left and right).
- When the drivers seat, door mirror and steering column are not in the memorized position, the door mirror
 moves to the initial tilt-down angle, if the reverse tilt-down position is stored. Linking Intelligent Key to a
 stored memory position.

Memory Procedure

- 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).
- Depress the brake pedal.
- 6. Move the A/T shift selector to the R position (reverse).
- 7. Adjust the mirror to the desired viewing position for backing up by operating the door mirror control switch (mirror switch).
- Push the SET switch and, within 5 seconds, push fully the memory switch 1 or 2 selected in step 3 for at least 1 second.
 - The indicator light for the pushed memory switch illuminates, and continue pushing the switch. After the indicator light tams off, the selected mirror position is stored in the selected memory (1 or 2).
- 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.

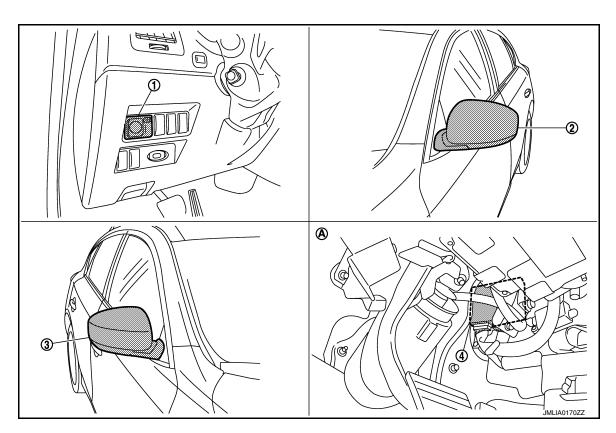
AUTOMATIC DRIVE POSITIONER SYSTEM LINKED OPERATION

Description

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

Refer to ADP-14, "AUTOMATIC DRIVE POSITIONER SYSTEM: System Description".

Component Parts Location



- Door mirror remote control switch
- 2. Door mirror (driver side)
- 3. Door mirror (passenger side)

INFOID:0000000010577271

MIR

K

N

0

Р

Revision: 2015 February MIR-5 2015 QX70

DOOR MIRROR SYSTEM

< SYSTEM DESCRIPTION >

[WITH ADP]

- 4. Automatic drive positioner control
- A. View with instrument driver lower panel removed

Component Description

INFOID:0000000010577272

Component		Function		
Automatic drive positioner control unit		Door mirror is supplied with power after receiving the input of the MIRROR SWITCH and CHANGEOVER SWITCH.		
	Mirror switch	It transmits mirror face adjust operation to AUTOMATIC DRIVE POSITIONER CONTROL UNIT.		
Door mirror remote control switch	Changeover switch	It transmits the LH/RH control of door mirror that supplies power to AUTO-MATIC DRIVE POSITIONER CONTROL UNIT.		
	Open/close switch	Power is supplied to folding mirror from door remote control switch when operating switch.		
Door mirror	Door mirror motor	It makes mirror face operate from side to side and up and down via integrated motor.		
DOOL HIIITOI	Folding motor	The door mirror operates because power is received from power supply when pressing door mirror remote control switch.		

INSIDE MIRROR SYSTEM

< SYSTEM DESCRIPTION > [WITH ADP]

INSIDE MIRROR SYSTEM

System Description

INFOID:0000000010577273

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:0000000010577274

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.

Е

 D

Α

F

G

Н

-

J

Κ

MIR

M

Ν

0

DIAGNOSIS SYSTEM (DRIVER SEAT CONTROL UNIT)

< SYSTEM DESCRIPTION >

[WITH ADP]

DIAGNOSIS SYSTEM (DRIVER SEAT CONTROL UNIT)

CONSULT Function

INFOID:0000000011046191

APPLICATION ITEM

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

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.	

SELF-DIAGNOSIS RESULTS

Refer to MIR-45, "DTC Index".

DATA MONITOR

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.	
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.	

DIAGNOSIS SYSTEM (DRIVER SEAT CONTROL UNIT)

< SYSTEM DESCRIPTION >

[WITH ADP]

Α

В

С

 D

Е

F

G

Н

Monitor Item	Unit	Main Signals	Selection From Menu	Contents
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.
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

MIR

K

M

Ν

0

DIAGNOSIS SYSTEM (DRIVER SEAT CONTROL UNIT)

< SYSTEM DESCRIPTION >

[WITH ADP]

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

DOOR MIRROR REMOTE CONTROL SWITCH

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]

Α

В

D

Е

Н

DTC/CIRCUIT DIAGNOSIS

DOOR MIRROR REMOTE CONTROL SWITCH MIRROR SWITCH

MIRROR SWITCH: Description

INFOID:0000000010577276

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:0000000010577277

CHECK MIRROR SWITCH FUNCTION

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

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

Is the inspection result normal?

YES >> Mirror switch function is OK.

NO >> Refer to MIR-11, "MIRROR SWITCH : Diagnosis Procedure".

MIRROR SWITCH: Diagnosis Procedure

INFOID:0000000010577278

1. CHECK MIRROR SWITCH INPUT SIGNAL

- 1. Turn ignition switch OFF.
- 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.

(+) Door mirror remote control switch		(–)	Voltage (V) (Approx.)	
Connector	Terminal		(FF - 7	
M26	4		5	
	5	Ground		
	6	Giouna	5	
	14			

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.
- Check continuity between automatic drive positioner control unit harness connector and door mirror remote control switch harness connector.

MIR

K

 \mathbb{N}

. .

Ν

0

2015 QX70

< DTC/CIRCUIT DIAGNOSIS >

Automatic drive po	sitioner control unit	Door mirror remote control switch		Continuity	
Connector	Terminal	Connector Terminal			
	3		6		
M51	4	M26	5	Existed	
IVIO I	IVIOT	19	IVIZO	14	Existed
	20		4		

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

Automatic drive p	ositioner control unit		Continuity
Connector	Terminal		Continuity
	3	Ground	
M51	4	Ground	Not existed
IVIS I	19		Not existed
	20		

Is the inspection result normal?

YES >> Replace automatic drive positioner control unit. Refer to ADP-217, "Removal and Installation".

NO >> Repair or replace harness.

${f 3.}$ CHECK DOOR MIRROR REMOTE CONTROL SWITCH GROUND CIRCUIT

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

Door mirror reme	ote control switch		Continuity
Connector	Terminal	Ground	Continuity
M26	13		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-12, "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-78, "Removal and Installation".

5. CHECK INTERMITTENT INCIDENT

Check intermittent incident.

Refer to GI-47, "Intermittent Incident".

>> INSPECTION END

MIRROR SWITCH: Component Inspection

INFOID:0000000010577279

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.

[WITH ADP]

DIC/CIRCUIT D	IAGNOSIS	>				[WITH ABI]
Door	mirror remote	e control s	witch			
Connector		Termi	nal	- C	ondition	Continuity
					RIGHT	Existed
	4				Other than the above	Not existed
					LEFT	Existed
M26	5		13	Mirror switch	Other than the above	Not existed
IVIZO				Willion Switch	UP	Existed
	6				Other than the above	Not existed
					DOWN	Existed
	14				Other than the above	Not existed
NO >> Replac CHANGEOVE	R SWIT	or remot CH		. Refer to MIR-7	<mark>'8, "Removal ar</mark>	nd Installation".
CHANGEOVER	RSWITC	H : De	escription			INFOID:0000000010577280
CHANGEOVER 1. CHECK CHANG	ror motor o	peration H:Cc WITCH F	by transmitting emponent Fu FUNCTION	inction Chec	k	e positioner control unit. INFOID:000000010577281 TOR" mode using CON-
JOLI.						
Monitor item				Cond		
MIR CHNG SW-R/L				ver toward the right	or left side.	: ON
			the above.			: OFF
	eover switc	– h functio		CH : Diagnosis P	rocedure".	
CHANGEOVER	R SWITC	H : Dia	agnosis Prod	cedure		INFOID:000000010577282
.CHECK CHANG	SEOVER SV	WITCH I	NPUT SIGNAL			
. Turn ignition sv	or mirror rer vitch ON.		ntrol switch conr	nector. I switch harness	connector and	ground.
	(+)					
Door	mirror remote	e control s	witch	(-)		Voltage (V)
2			Ta masima al	+		(Approx.)

Is the inspection result normal?

Connector

M26

Ground

5

Terminal 2

3

DOOR MIRROR REMOTE CONTROL SWITCH

< DTC/CIRCUIT DIAGNOSIS >

[WITH ADP]

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

2. CHECK CHANGEOVER SWITCH CIRCUIT

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

Automatic drive po	sitioner control unit	Door mirror remo	ote control switch	Continuity
Connector	Terminal	Connector	Terminal	Continuity
M51	2	M26	3	Existed
IVIST	18	IVIZO	2	Existed

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

Automatic drive po	sitioner control unit		Continuity
Connector	Terminal	Ground	Continuity
M51	2	Giodila	Not existed
IND I	18		Not existed

Is the inspection result normal?

YES >> Replace automatic drive positioner control unit. Refer to ADP-217, "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 rem	ote control switch		Continuity
Connector	Terminal	Ground	Continuity
M26	13		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-14, "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-78, "Removal and Installation".

5. CHECK INTERMITTENT INCIDENT

Check intermittent incident.

Refer to GI-47, "Intermittent Incident".

>> INSPECTION END

CHANGEOVER SWITCH: Component Inspection

INFOID:0000000010577283

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	Con	dition	Continuity
Connector	Terr	minal	Com	uition	Continuity
	2			LEFT	Existed
M26	2	13	Changeaver awitch	Other than above	Not existed
IVI∠O	3	13	Changeover switch	RIGHT	Existed
	3			Other than above	Not existed

Is the inspection result normal?

YES >> INSPECTION END

NO >> Replace door mirror remote control switch. Refer to MIR-78, "Removal and Installation".

Α

В

Е

 D

F

G

Н

J

Κ

MIR

M

Ν

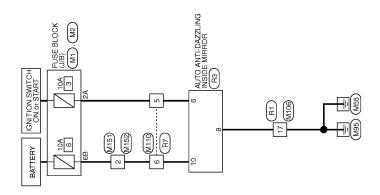
0

[WITH ADP]

AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

Wiring Diagram - INSIDE MIRROR SYSTEM -

INFOID:0000000010577284



INSIDE MIRROR

JRLWC3821GB

Α

В

С

 D

Е

F

G

Н

Κ

MIR

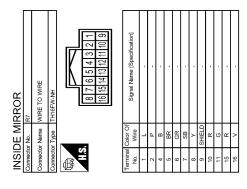
M

Ν

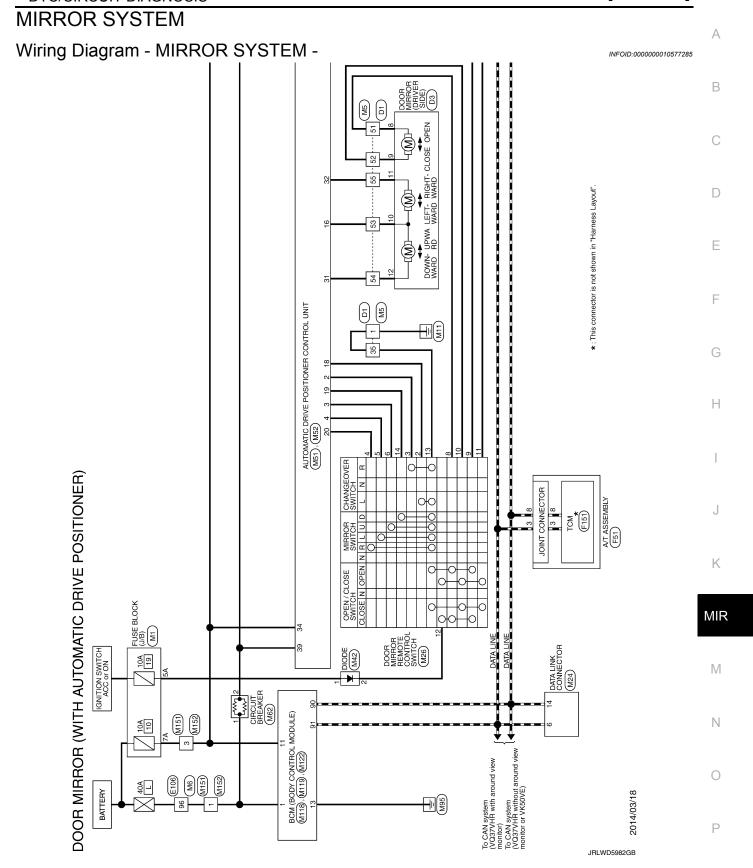
0

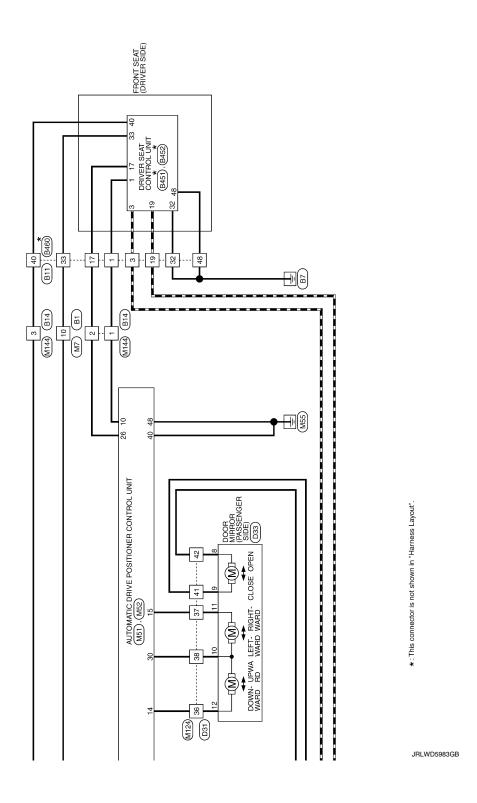
		Connector Name WIRE TO WIRE	Connector Type NH10FW-CS10	6 5 4 3 2 1	20 19 13 12 11 10 9		Terminal Color Of Signal Name [Specification] No. Wire	> L C	П	4 SHELD	+	Н	10 G	H	13 L	15 R	Н	20 ×	┨	Connector No. R3	Э	Connector Type TH10FB-NH				10 8 6		nal Color Of Signal N	6 BR IGN 8 B GROUND							
	+	2 GX	Н	ТП	15 R -	Connector No. M151	Connector Name WIRE TO WIRE	Connector Type M03FW-LC		T _s	•	[32]		Terminal Color Of Signal Name (Specification)		2 × w	Н		Connector No. M152	Connector Name WIRE TO WIRE	Connector Type M03MW-LC		vi.	2 3		Terminal Color Of	No. Wire Signal Name [Specification]	+	3 R							
		Connector Name WIRE TO WIRE	Connector Type NH10MW-CS10	1 2 3 4 5 6	7 8 9 10 11 12 13 19 1	$\ $	Terminal Color Of Signal Name [Specification] No. Wire	7 C	П	4 SHELD .	H	H	10 6	H	13 L	15 R	Н	20 BG	┨	Connector No. M110	Connector Name WIRE TO WIRE	Connector Type TH16MW-NH			1234567	9 10 11 12 13 14 15 16		Terminal Color Of Signal Name [Specification] No. Wire	2 P	4 B						
INSIDE MIRROR		Connector Name FUSE BLOCK (J/B)	Connector Type NS06FW-M2				Terminal Color Of Signal Name [Specification] No.	1A BG -	Н	4A R	╀	7A R .	8A L		Connector No. M2	Connector Name FUSE BLOCK (J/B)	Connector Type NS10FW-CS	1	I I I I I I I I I I I I I I I I I I I				Terminal Color Of Signal Name [Specification]	The control of the co	38 P	5B BG -	Н	8B R								
																																	JRL	.WD5	994G	В

Ρ



JRLWD5995GB





Α

В

С

 D

Е

F

G

Н

Control View Metric Oving: Control View Metric Oving:	DOC	R MI	DOOR MIRROR (WITH AUTOMATIC	DRIV	ÆΡ	DRIVE POSITIONER)				
1	nnecto	ار ا	B1	24	_		Т	Connector No.	B451	
Since Communication Comm	mect	or Name	WIRE TO WIRE	28	ᆜ		Connector Name WIRE TO WIRE	Connector Name	DRIVER SEAT CONTROL UNIT	
Control of the cont	lect	yr Type	TH80FW-CS16-TM4	8 9	5		Connector Type NS16FW-CS	Connector Type	TH32FW	
Companies Comp				61	۵		Ć.			
Control Cont	7			62	ß			F		
Sign's Name Specification 1	ť		0 0	63	٥		10 14 13	Ě		
Signat Name Societation Control Contro	4	9	X 19	8	8		2	Ş	9 10 11 12 13 14	
Signat Name Specification Assistance			SE C) 1	65	≥ :		21 48		24 25 26 27 28 29	
Signal Name (Specification) Tominal Case of Signal Name (Specifi			20 00	99	> -					
Signati Name (Specification) 10				/0	2 >					
Signal Mane (Stood Callyon) 70 COP 10 COP	i e	Color Of	L	8 8	- 0		Color Of		L	
1 0 0 0 0 0 0 0 0 0		Wire		8 8	2		Wire			
1	١.			2	5 0		+	+		
1	١,	9		- F	י פ		. e	+		
1	[-		2 6	n i			†		
10 10 10 10 10 10 10 10	آــ	8		(3	\$		+	$^{+}$		
Part	[O		74	>		4	\dashv	PULSE (RR LIFTING)	
See See		۵		75	BG		21 Y -	-	SLIDING SW (BACKWARD)	
Sign	_	BG		9/	9			_	RECLINING SW (BACKWARD)	
SS SS SS SS SS SS SS S	ا	SB		77	_		H	H	L	
15 16 17 18 18 19 19 10 11 11 11 11 11	ļ_	SB		78	G.		╀	╀	L	
Street S	٦	ď		79	3		╀	t	Ļ	
SHELD SHEL	. ا			G	1		┨	+	200	
No. No.	J,	,		8 8	1 0			+	× ×	
SHELD SECOND SE	١.	٤ 3		ō 8	-			+	CANAL	
Strict S	. ا	Λ		78	1		1	+	P RAINGE SW	
F F F F F F F F F F] پ	SHELD		83	۵		Connector Name WIRE TO WIRE	+	PULSE (SLIDING)	
Cornector Type TH72FW4M1 Cornector Type Cornector Ty	. [_		88	S		\neg	\dashv	PULSE (FR LIFTING)	
C C C C C C C C C C	_ [۵		82	œ		П	\dashv	SLIDING SW (FORWARD)	
Y Y R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R		ဖ		98	>		(1		RECLINING SW (FORWARD)	
W W Signation Signatio		>		87	ш				FRONT LIFTING SW (UPWARD)	
V V V V V V V V V V		Μ		88	9				REAR LIFTING SW (UPWARD)	
P P P P P P P P P P	١.	>		88	BR			Ͱ	SENSOR GND	
12 14 10 9 8 7 1 1 1 1 1 1 1 1 1	L	۵		9	۵		0 0 4	H	GND (SIGNAL)	
GR GR GR GR GR GR GR GR	L	- 8		5 8	- 6		44 40 0	1	CIGICAL)	
B	J.	6		8 8	3 8		ا ا ا			
Second S	.1.	5 6		S	<u>ن</u> ا					
W P P P P P P P P P	ſ	200		£	>					
B	ſ	≯		96	BG		Color Of			
SB	1	В		26	>		Wire			
SS	ľ	В		86	GR					
V V S S S S S S S S	1	SS		66	>		H			
CR CR CR CR CR CR CR CR	L	>					ł			
N	L	. [+			
SHELD	آـ	<u> </u>					$^{+}$			
SHELD	_[>					+			
SHELD SHEL	_	SB					- · · · · · · ·			
BR	سا	SHIELD								
X	١.,	BR					-			
SHELD - GUINE	L	,					///			
7	ر ا	- 1					۸۸			
	اي	SHELD								

MIR

Κ

M

Ν

0

JRLWD5984GB

Connector No. D31	Connector Name WIRE TO WIRE	Connector Type TH40FW-CS15	(15) 4 (13) (2) (1) (10) 9 (1) (5) 5 (4) (3) 2 (1) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Terminal Color Of Signal Name [Specification] No.	3 Р	7	M d. 9	H	+	7	13 b	H	υ <u>:</u>	20 LG .	: 8	SHIELD	25 G	PI	Н	SB >	35 GR	0	37 GR -	\dashv	+	40 Y	o c	╁	^	4	46 W	+	ů
H	46 P	48 GR -	50 B C C C C C C C C C C C C C C C C C C	Connector No. D3	Connector Name DOOR MIRROR (DRIVER SIDE)		Connector Type THZ4MW-NH			12 11 10 9 8 7 6 5 3 2	24 23 22 21 19 18 17 14			Leminal Color Of Signal Name [Specification]	t	+	n a	F	8 SB .	- 1 6	20 CE	H	П	Σ.	+	19 B	- 86	H	^				
C DRIVE POSITIONER)	Connector Name WIRE TO WIRE	Connector Type TH40FW-CS15	15 14 13 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Terminal Color Of Signal Name [Specification]	Н	9 8	7 W	8 SB	+	0 (12 LG	Н	14 P	15 L	. >	GR	23 SB	9	Н	а;	. P1 08	0	Н	\dashv	4	35 B .	2 (0	SHELD	w	П	41 SHIELD -	╁	ŀ
DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER) Corrector No. Bit52	Connector Name DRIVER SEAT CONTROL UNIT	Connector Type NS16FW-CS	H.S. 33 35 36 100 37 38 39 40 445 48 48	Terminal Color Of Signal Name [Specification] No. Wire	ď	W/R	36 G/Y RECLINING MOTOR (FORWARD) 37 G/W FRONT LIFTING MOTOR (DOWNWARD)	\sim	39 R/B REAR LIFTING MOTOR (DOWNWARD)	W.	+	L/R FRONT LIFTING	48 B GND (POWER)		Connector No. B460	Connector Name WIRE TO WIRE	Connector Type NS16MW-LC			19 3 1 1 10 10 1	00 00 00	=1U			<u>a</u>	No. Wire	3 8/4	Y/R	^	\dashv	32 B/W -	╀	۲

JRLWD5985GB

Α

В

С

 D

Е

F

G

Н

Corrector Name Wite TOWNINE State Corrector Name Corrector Nam	Corrector Name Witten Corrector Name Corrector Na	DOOR I	DOOR MIRROR (WITH AUTOMATI	C DRIVE F	PO No.	AUTOMATIC DRIVE POSITIONER) Connector No. E106	37	Н		W
	Name Specification	Connector	Name DOOR MIRROR (PASSENGER SIDE)	Connect	or Name	WIRE TO WIRE	39 88	+		φ
Control Cont		Connector	Type TH24MW-NH	Connecto	or Type	TH80FW-CS16-TM4	4	H		
March Marc	Convenior Name Specification Color Of Signat Name Color Of Signat Name	4		Œ			42	+		
	The control of the	THIS IS					4	H		
Syrable Name (Specification) Name Sprank Name (Specification) Name N	The control of the	V	1211109876543	4	77	1	45	Н		- 1
Synu Name (Specification)	Signa Name (Searchoter) Terminal Color of Septra Name (Searchoter) 1		10 10 17			8 54 64 65 35 5 5 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	46	+		\neg
Signal Name Specification 1	Fireman Coar Signat Name Sport Name		13 10 11 10				47	+		V
Syrat Name (Specification) Terminal Color of Name (Specification) Syrat Name (Specificatio	No. Windows Specification No. Commonto No. Commonto No. Commonto No. Commonto No. Commonto No. N						49	H		
1	No. Web	Terminal (Termina	Color Of		20	H		_
No. No.	No.	o N		o.	Wire	ognal warne [opecinication]	51	Н		<u>٦</u>
1	1	2	· ·	-	ŋ	-	52	+		9 8
1	1	3		2	BG		23	\dashv		
Control of the cont	Control Cont	4	91	ო	SB		24	-		
1	1	2		4	91		22	+		Color Of
Compact Comp	1	9		S	>	1	28	+		Wire
C	1	7	re -	9	≶		9	+		7
Compact National (Co) Comp	Controlled Fig. Controlled	80	. 0	_	g		61	+		œ
Columentation Columentatio	C C C C C C C C C C	6	1	80	>	-	62	\dashv		L
SHELD 11 10 10 11 12 12 13 14 14 14 14 14 14 14	11 BR 12 C 13 C C C C C C C C C	10		ð	œ		63	+		>
1	12 6 6 6 6 6 6 6 6 6	=	GR -	9	8		64	+		ш ;
13 15 15 15 15 15 15 15	13 R	12		=	a .		99	+		>
SHELD	SHELD 14 W 15 SHELD 16 SHELD 17 G G G G G G G G G	14	0	12	9		8	7		×
15 SHELD 15 SHELD 16 SHELD 17 G G G G G G G G G	15 SHELD 16 SHELD 17 O G 10 SHELD 17 O G 10 SHELD 18 SHELD 19 O G 10 SHELD 1	Т	9	£ :	¥ :		9 i	T		۵ (
15 STREEL	16 Street, 16 Street, 17 L L L L L L L L L	Т	SHIELU :	4	¥ [1		- F	+	+	¥ 5
17 18 19 19 19 19 19 19 19	17 18 19 19 19 19 19 19 19	0 0		0 6	SPIELD		7 2	+		<u> </u>
18	18	2 2		1 9	g -		2 1	+	-	
V V V V V V V V V V	V V V V V V V V V V	72	1	-	،		4/	+		
V V V V V V V V V V	V V V V V V V V V V	77 52		20 0	1 (1 0	+		
Variable Variable	20 W	3 2		5	9	1001 1000	2 6	+		
R	F	54	- ·	8 8	≥ ;	- [with ICC]	2 8	$^{+}$		
No. Note Color	R			23	- 8	- [Without ICC]	8 8	+		Т
V Viviliated C C C C C C C C C C C C C	V Viviliated C S C C C C C C			7 8	ž c	1001	6	+		7
C	C			3 62	<u>></u>	- [with ICC]	8 8	+		•
Compared Compared	1			27 66	> (- [without Icc]	8 8	$^{+}$		Artis
F Vivinito Vivin	F F F F F F F F F F			3 2	۔ و	1001 1976	\$ 5	+		J
L -	L -			\$ PC	ء د	- [with ICC]	80	+		(1234
Y	Y			36	-	- [Without ICC]	2 8	+		0
SHELD	SHELD			67	,	- [without Icc]	8	+		0
Strike S	Second			9 8	٠ ا	- [with ICC]	8 8	+		
C	15 15 15 15 15 15 15 15			97			8	+		
LG	No. No.			28	9		96	+		5000
W W 92 8B - 1	BG			59	9		6	+		Wire
W	W Y Y Y Y Y Y Y Y Y			30	BG		92	\dashv		7
× × × × × × × × × × × × × × × × × × ×	Y Y S S S S S S S S S S S S S S S S S S			32	*		93	\dashv		В
- N 90	BG W			33	>	-	92			В
D #				8	8		96	H		0

MIR

Κ

 \mathbb{N}

Ν

0

JRLWD5986GB

DOOR N	RR-	C DRIV	Ĩ PO	SITIONER)	old reduced		WW	8	>		
2	1	۰	9	0	COLLECTO	T	9	3	-		
+	IGNITION POWER SUPPLY	6	7		Connector Name	Name V	WIRE TO WIRE	8	7		
7 L		10	BG					37	Э		
8 BR		1	9	-	Connector Type		TH80MW-CS16-TM4	38	ď		
H	STARTER RELAY	12	>			,		33	Ø	,	
10 W/B		13	>		Œ		9 24 15	41	-		
1		2	۵		寺			42	1 1		
		r.	-		\ \ \		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 6	: 0		
	100	2 8	, 6					;	<u> </u>		
Connector No.	I.W.	2	2					4	2 :		
Connector Nam	Connector Name FUSE BLOCK (J/B)	21	9				※ 88	42	GR	,	
	(22	>				0 S S	46	×		
Connector Type	NS06FW-M2	23	>					47	٦		
		24	Ь	-	Terminal	Color Of	9	48	Ь		
	[56	SB		9	Wire	olgnai ivame [opecification]	49	BG	,	
		27	>			G		20	91		
Si N	3A 2A 1A	28			~	BG		51	es.		
	V 0 V 4	00	۵		ď	<u></u>	- DMithout Auto aircon seat	22	>	,	
	8A /A 0A 3A 4A	67	، ا		,	2 8	PARTITION AND SILVEN SESSI	7 5	- 2		
		9	1		n	9 :	- [with Auto aircon seat]	52	20 1		
		31	g		4	9		25	BR		
		32	SB		2	GR	-	22	SB	-	
ā	Of Signal Name (Specifical	33	_		9	×		28	SB		
No. Wire		34	ĸ	-	7	9		09	SB		
1A BG		35	В		∞	*		61	>	,	
╀		36	۵		σ	۵		69	۵		
╀		37	: (ç	. 2		63	. 0		
+		5 6	1		2 7	ś		8 8	-		
+		8	SHIELD		= !	2		6	-		
> Ac		36	>		12	9		65	98		
6A Y		40	В		13	œ		69	>		
7A R		41	SHIELD	•	14	Μ	-	20	SHIELD	-	
8A L		42	9		15	SHIELD		71	BG		
		43	œ		16	æ		72	GR		
		44	g		17	-		73	*		
Connector No	MS	45	>		18	۵		7.4	ay.		
		46	a.		10	ď		1,2	>		
Connector Nam	Connector Name WIRE TO WIRE	47	3		202	ą.	- [Without ICC]	2.2	. >		
Constant Time	THADAMAI OCAE	9	-		8	3	Date ICCI	. 02	. ,		
COILIBETO 1 Jypt	٦.	9	, ,		207	3 1	- [will ICC]	0 1	- 3	0	
q		9	r		.7	ž,	- [with ICC]	2	200		
至		20	200	•	72	Y	- [without ICC]	81	7		
۳	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	21	SB		22	_	- [Without ICC]	82	*		
2 E	1	25	œ		22	œ	- [With ICC]	83	>	•	
	161718192022222222	23	\		23	U		84	7		
	51	24	9T		24	_	- [With ICC]	82	۵	,	
		22	_		24	_	- [Without ICC]	98	BR	,	
					25	×	- [Without ICC]	87	۵		
Terminal Color Of	L				25	>	- [With ICC]	88	. >		
No. Wire	Signal Name [Specification]				Г	SHIELD		88	O		
 B					Г	GR.		06	۵	,	
3 SB					59	>		91	ď		
6 R					30	BG		92	œ		
┝					32	Μ		93	GR		

JRLWD5987GB

Α

В

С

 D

Е

F

G

Н

12 6	ł	+	+	+	16 W -			Connector No. M42		Conhector Name DIODE	Connector Type ET02-2W			•	1.2 L		_			lal	No. Wire Signal Value [Specification]	1 v	2 G .			Connector No. M51	TIME BOSTIONER CONTROL LINE		Connector Type TH32FW-NH				_	17 18 19 20 21 22 23 24 25 26 27 30 31 32			Terminal Color Of	No. Wire Signal Name [Specification]	1 Y TILT SW (UPWARD)	2 LG MIRROR SELECT SW (RH)	Ø	_	MIR	6 GR MIRROR SENSOR (LH VERTICAL)	97	9 L ADDRESS1	10 V TX (UART)	H	12 BG IND1
Connector No. M24		Connector Name DATA LINK CONNECTOR		Connector Type BD16FW 1		F B	1880010818		[0		l God		Terminal Color Of Size 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		3 LG .	4 B -	- B	- 7 9	7 GR	8 G . Terr		12 P -	13 L	Н	16 BG .	Con		Connector No. M26	Connector Name DOOR MIRROR REMOTE CONTROL SWITCH		Connector Type TK16FBR			2 3 4 5 6	c	2	Ter	2	Terminal Color Of	Signal Name [Specification]		3 FG	- BR	> >		8 SB			
AUTOMATIC DRIVE POSITIONER)	^	+	2		54 BR .	55 Y -	S6 SHIELD -	57 P	- · · · · · · · · · · · · · · · · · · ·	59 SHIELD -	- T 09	61 BR -	62 R -	63 Y -	64 L -		- A 99	- 91 L6	- × 89	- 9 69	70 V	71 W -	+	Н	74 LG .	75 P -	H	\dashv	+		٠ -			Ŧ	+	H	87 B	-	H	┢	H	┢	H	96 BG	- M 26		. BG BG	ł	
DOOR MIRROR (WITH AUTOMATIC D								M7	Luna CE Luna	Connector Ivame WINE O WINE	TH80MW-CS16-TM4			8 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	88 00 00 00 00 00 00 00 00 00 00 00 00 0	98 20 20 20 20 20 20 20 20 20 20 20 20 20			Signal Name [Secondination]	Orginal Hallie [5	- [With Auto aircon seat]	- [Without Auto aircon seat]			-																							
DOOR MII	W 90	30 A	_	'n	100			Connector No.		Connector Name	Connector Type		E	ŧ	ė.) lai	No. Wire	1 G	-	2 B	3 W	6 P	۸ ۷	\dashv	+	11 BG	12 B	+	14 A	N 20	Т	18	┞	H	┝	H	H	F	┝	┝	28 W	38 B	39 B	43 SB	44 W

MIR

Κ

M

Ν

0

JRLWD5988GB

DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)	DRIVE POSITIONER)					
Д.	Connector No. M62	Connector No. N	M119	85	١	IGN RELAY (F/B) CONT
14 BG MIRROR MOTOR (RH VERTICAL)	Connector Name CIRCUIT BREAKER	Connector Name B	BCM (BODY CONTROL MODULE)	83	¥ 6	KEYLESS ENIRY RECEIVER SIGNAL
5 >	Connector Type M02EW_P.LC	Connector Type	NS16FW-CS	6 8	<u>د</u> >	COMBI SW INPLES
W TILT SW		٦.		6	۰ ۵	CAN-L
А		C C		91	٦	CAN-H
19 SB MIRROR SW (DOWNWARD)		Š	2 2	95	FIG	KEY SLOT ILL
BR	H.9.	į	0 8 9 10	93	>	ON IND
_			11 13 15 17 18 19	92	+	ACC RELAY CONT
22 G MIRROR SENSOR (LH HORIZONTAL)	7			96		A/T SHIFT SELECTOR POWER SUPPLY
a. (66	x (SHIFT P
24 K SELSW	Torminal Color Of	Torminal Color Of		100	٥ و	PASSENGER DOOR REQUEST SW
9 >		N Wire	Signal Name [Specification]	5 5	9 6	BLOWER BOOK REGUEST SW
TEI ESCOPIC	+	î a	INT POOM I AMP DIAIR SIDDI Y (BAT SAVE)	103	2 2	KEYLESS ENTRY DECEIVED DOWED SLIDDLY
R MIRROR MOT	2 w	. >	PASSENGER DOOR UNLOCK OUTPUT	107	91	COMBI SW INPUT 1
LG MIRROR MOT	ł	>	STEP LAMP OUTPUT	108	~	COMBI SW INPUT 4
L MIRROR MOTO		>	ALL DOOR, FUEL LID LOCK OUTPUT	109	>	COMBI SW INPUT 2
	Connector No. M118	Н	DRIVER DOOR, FUEL LID UNLOCK OUTPUT	110	g	HAZARD SW
	Connector Name BCM (BODY CONTROL MODILIE)	10 BR	REAR DOOR UNLOCK OUTPUT			
Connector No. M52		T R	BAT (FUSE)			
Connector Name AUTOMATIC DRIVE POSITIONER CONTROL UNIT	Connector Type M03FB-LC	13 B	GROUND	Connector No.		M124
	ą.	+	ACC IND	Connector Name		WIRE TO WIRE
Connector Type NS16FW-CS		+	TURN SIGNAL RH (FRONT)			
₫.	S	18 BG	DOOM LAMP TIMED	Connector Lype	٦.	I H40MW-CS15
Ţ		+	NOOM CAME HINES	1	C	
1.5. 33 34 35 36	2			j.		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
•]	Connector No.	M122	Si Si		2 2 4 2 0 1 1 0 8 10 11 12 13 14 13
		Connector Name	BCM (BODY CONTROL MODILIE)			106 171 108 1912 2012 2012 2012 2012 2012 2012 2012
	ॿ	Т			_	
TT	on .	Connector Type T	TH40FB-NH		y	
No. Wire Signal Name [Specification]	2 Y POWER WINDOW POWER SLIPPI Y (BAT)	Œ		Terminal Color Of	Color Of	
t	. g	立		2 2	Wire	Signal Name [Specification]
R		2 <u>0</u>	7	m	>	
35 L TILT MOTOR (UPWARD)		20	11 92 08 87 63 82 83 82 75 78 77 70 75 74	4	PI	
36 GR TELESCOPIC MOTOR (FORWARD)			10 CO	2	SB	•
39 W BAT (C/B)				9	BR	
В				7	9	•
41 Y GND (SENSOR)		Terminal Color Of	Complete Com	œ	>	
42 BG TILT MOTOR (DOWNWARD)		No. Wire	ognan varne [opecincation]	6	97	
44 G TELESCOPIC MOTOR (BACKWARD)		74 SB	PASSENGER DOOR ANT-	13	В	
48 B GND (POWER)		75 BR	PASSENGER DOOR ANT+	14	BG	
		76 V	DRIVER DOOR ANT-	15	Μ	
		77 LG	DRIVER DOOR ANT+	19	O	
		+	ROOM ANT1-	20	PI	-
		+	ROOM ANT1+	22	>	
		+	NATS ANT AMP.	T	ω	
		81 W	NATS ANT AMP.	24	SHIELD	

JRLWD5989GB

SITIONER)	M151	Jaim OI Jaim	WINE TO WINE	M03FW-LC						3.2			Signal Name (Specification)	orginal realine [opecinication]	-		-			M152	MIDE TO WIDE	WINE TO WINE	M03MW-LC			-		7 3		Signal Name [Specification]			-										
DRIVE PO	Connector No.	9		Connector Type				Ž.					DE C	No. Wire	1 W		3 R			Connector No.	Connector Name		Connector Type	€.	ALT.	H.S.			Terminal Color Of	No. Wire	, w	Н	3 R										
DOOR MIRROR (WITH AUTOMATIC DRIVE POSITIONER)	-	-		-						 [Without automatic drive positioner] 	 [With automatic drive positioner] 									-		-	5			WIRE TO WIRE	W-NH			123456	7 8 9 10 11 12			Signal Name [Specification]				-	-			- [Without around view monitor]	- [With around view monitor]
R MIRRC	9	В	BG	\	Pl	SB	>	BG	GR	N] - [N	2		В	Ь	LG	η ,	*	В	W	Α.	BR	SHIELD		M144	Τ		r Type TH12MW-NH							Color Of Wire	>	· >-	ď	W	В	>	SHIELD	8	W
000	25	26	31	32	33	34	32	36	37	38	38	38	40	41	42	43	44	45	46	47		46		Connector No	000	Connector Name	Connector Type	唇	H.S.					Terminal	-	2	9	2	9	7	11	12	12

F G H

Α

В

С

 D

Е

MIR

Κ

IV

Ν

0

Р

JRLWD5990GB

ECU DIAGNOSIS INFORMATION

DRIVER SEAT CONTROL UNIT

Reference Value

VALUES ON THE DIAGNOSIS TOOL

CONSULT MONITOR ITEM

Monitor Item	Condi	tion	Value/Status
SET SW	Set switch	Push	ON
OLI OVV	Oct Switch	Release	OFF
MEMORY SW1	Mamany quitab 1	Push	ON
WEWORT SWI	Memory switch 1	Release	OFF
MEMORY CW2	Mamany queitab 2	Push	ON
MEMORY SW2	Memory switch 2	Release	OFF
OLIDE OW ED	Olistina avsitala (frant)	Operate	ON
SLIDE SW-FR	Sliding switch (front)	Release	OFF
	Olistina avsitala (sa as)	Operate	ON
SLIDE SW-RR	Sliding switch (rear)	Release	OFF
DEOLIN OW ED	5 " " 1 (6 1)	Operate	ON
RECLN SW-FR	Reclining switch (front)	Release	OFF
DEOLN CW DE	Designation with the second	Operate	ON
RECLN SW-RR	Reclining switch (rear)	Release	OFF
		Operate	ON
LIFT FR SW-UP	Lifting switch front (up)	Release	OFF
		Operate	ON
LIFT FR SW-DN	Lifting switch front (down)	Release	OFF
		Operate	ON
LIFT RR SW-UP	Lifting switch rear (up)	Release	OFF
		Operate	ON
LIFT RR SW-DN	Lifting switch rear (down)	Release	OFF
		Up	ON
MIR CON SW-UP	Mirror switch	Other than above	OFF
		Down	ON
MIR CON SW-DN	Mirror switch	Other than above	OFF
		Right	ON
MIR CON SW-RH	Mirror switch	Other than above	OFF
		Left	ON
MIR CON SW-LH	Mirror switch	Other than above	OFF
		Right	ON
MIR CHNG SW-R	Changeover switch	Other than above	OFF
		Left	ON
MIR CHNG SW-L	Changeover switch	Other than above	OFF
		Up	ON
TILT SW-UP	Tilt switch	Other than above	OFF
		Down	ON
TILT SW-DOWN	Tilt switch	Other than above	OFF

DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Α

В

 D

Е

F

Н

K

MIR

M

Ν

0

Р

Monitor Item	Co	ndition	Value/Status
TELECCO CW ED	Talagagaia awitah	Forward	ON
TELESCO SW-FR	Telescopic switch	Other than above	OFF
TELESCO SW-RR	Tilt switch	Backward	ON
TELESCO SW-RR	THE SWITCH	Other than above	OFF
DETENT SW	AT selector lever	P position	OFF
DETENT SW	AT SCIECTOT IEVEL	Other than above	ON
STARTER SW	Ignition position	Cranking	ON
- STARTER SW	ignition position	Other than above	OFF
		Forward	The numeral value decreases *1
SLIDE PULSE	Seat sliding	Backward	The numeral value increases *1
		Other than above	No change to numeral value*1
		Forward	The numeral value decreases *1
RECLN PULSE	Seat reclining	Backward	The numeral value increases *1
		Other than above	No change to numeral value*1
		Up	The numeral value decreases *1
LIFT FR PULSE	Seat lifter (front)	Down	The numeral value increases *1
		Other than above	No change to numeral value*1
		Up	The numeral value decreases *1
LIFT RR PULSE	Seat lifter (rear)	Down	The numeral value increases *1
		Other than above	No change to numeral value*1
MIR/SEN RH U-D	Door mirror (passenger s	side)	Change between 3.4 (close to peak) 0.6 (close to valley)
MIR/SEN RH R-L	Door mirror (passenger s	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.

TERMINAL LAYOUT

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 38 39 40 41 42 43 44 45 46 47 48 31 37 38 39 40 41 42 43 44 45 46 47 48 31 37 38 39 40 41 42 43 44 45 46 47 48

PHYSICAL VALUES

	nal No.	Description				Voltage (V)
+	-	Signal name	Input/ Output	Conditio	n	(Approx)
1 (L/W)	Ground	UART communication (RX)	Input	Ignition switch ON		2mSec/div 2V/div JMJIA0118ZZ
3 (R/Y)	_	CAN-H	_	_		_
9 (W/G)	Ground	Reclining sensor signal	Input	Seat reclining	Operate	10mSec/div 2V/div JMJIA0119ZZ
					Stop	0 or 5
10 (P/B)	Ground	Lifting sensor (rear) signal	Input	Seat lifting (rear)	Operate	10mSec/div 2V/div JMJIA0119ZZ
					Stop	0 or 5
11 (B/R)	Ground	Sliding switch backward signal	Input	Sliding switch	Operate (backward) Release	0 Battery voltage
12 (SB)	Ground	Reclining switch back- ward signal	Input	Reclining switch	Operate (backward)	0 Battery voltage
					Operate	0
13 (LG/R)	Ground	Lifting switch (front) down signal	Input	Lifting switch (front)	(down)	
14	Ground	Lifting switch (rear) down	Input	Lifting switch (rear)	Release Operate (down)	Battery voltage 0
(G/B)		signal		, ,	Release	Battery voltage
16 (O)	Ground	Sensor power supply	Output	_		5
17 (Y/R)	Ground	UART communication (TX)	Output	Ignition switch ON		10mSec/div 2V/div JMJIA0121ZZ

DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

	nal No. color)	Description		2		Voltage (V)
+	-	Signal name	Input/ Output	Conditi	on	(Approx)
19 (V)	_	CAN-L	_	_		_
					P position	0
21 (L/Y)	Ground	Detention switch	Input	A/T selector lever	Except P position	20mSec/div WWW.WW.WW.WW. 5V/div JMJIA0120ZZ
24 (R)	Ground	Sliding sensor signal	Input	Seat sliding	Operate	10mSec/div
					Stop	0 or 5
25 (Y/B)	Ground	Lifting sensor (front) signal	Input	Seat lifting (front)	Operate	10mSec/div 2V/div JMJIA0119ZZ
					Stop	0 or 5
26 (Y)	Ground	Sliding switch forward signal	Input	Sliding switch	Operate (forward)	0 Detter welters
27 (R/G)	Ground	Reclining switch forward signal	Input	Reclining switch	Release Operate (forward)	Battery voltage 0
(100)		Signal			Release	Battery voltage
28 (W/B)	Ground	Lifting switch (front) up signal	Input	Seat lifting switch (front)	Operate (up)	0
29		Lifting switch (rear) up		Seat lifting switch	Release Operate	Battery voltage 0
(P/L)	Ground	signal	Input	(rear)	(up) Release	Battery voltage
31 (GR)	Ground	Sensor ground	_	_	. 10.0000	0
32 (B/W)	Ground	Ground (signal)	_	_		0
33 (R)	Ground	Power source (C/B)	Input	_		Battery voltage
35 (W/R)	Ground	Sliding motor forward output signal	Output	Seat sliding	Operate (forward)	Battery voltage
,		- siper orginal			Release	0

DRIVER SEAT CONTROL UNIT

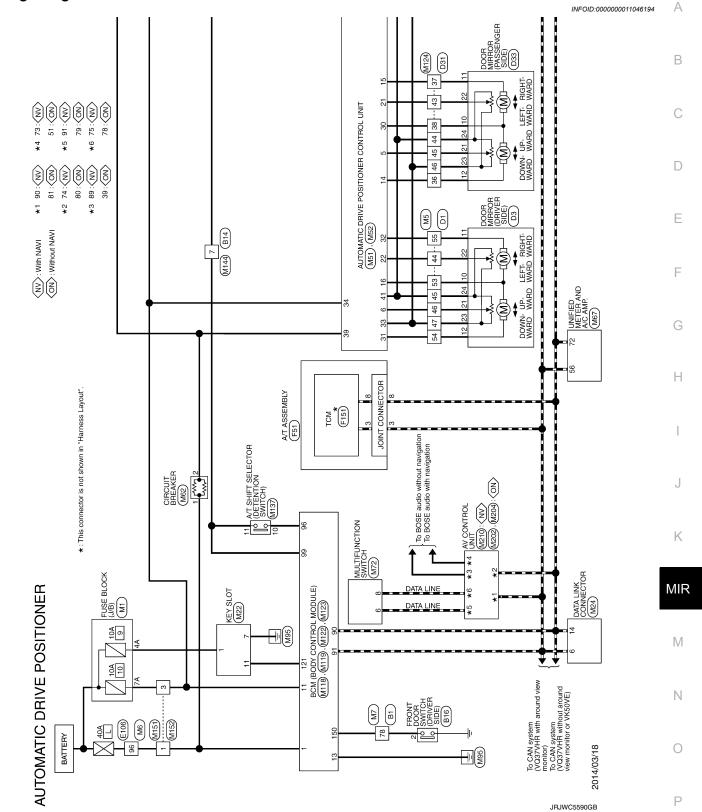
< ECU DIAGNOSIS INFORMATION >

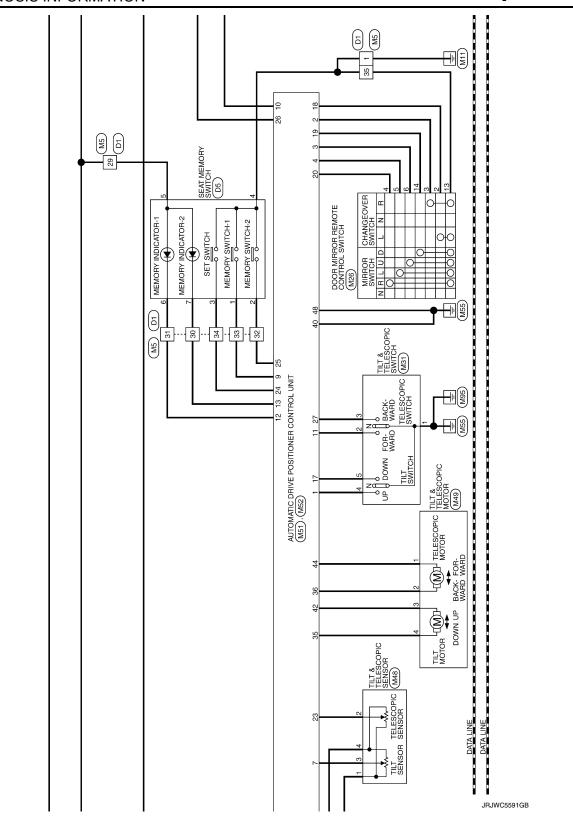
[WITH ADP]

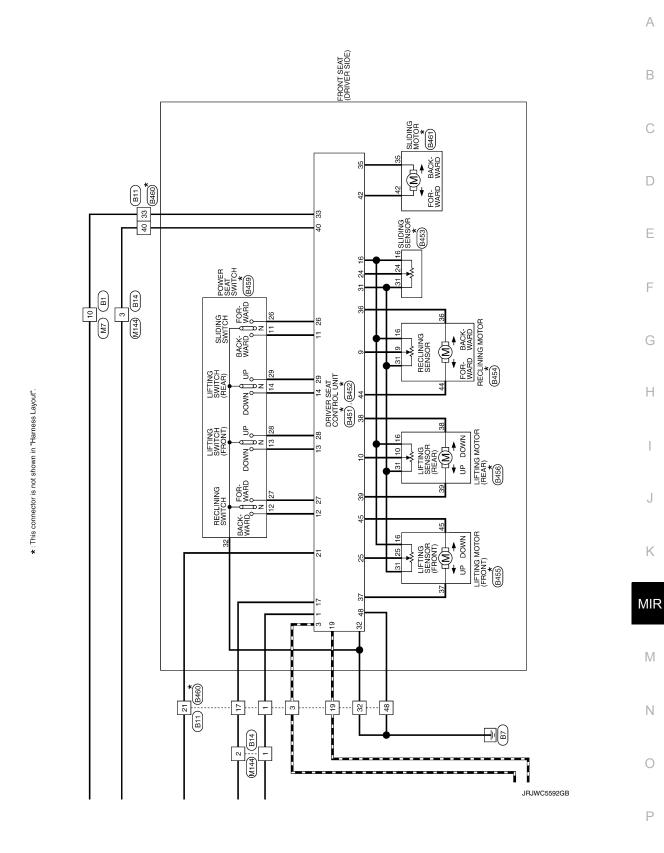
	nal No. color)	Description		Conditio	nn.	Voltage (V)
+	-	Signal name	Input/ Output	Condition)11	(Approx)
36 (G/Y)	Ground	Reclining motor forward output signal	Output	Seat reclining	Operate (forward)	Battery voltage
(6/1)		output signal			Release	0
37 (G/W)	Ground	Lifting motor (front) down output signal	Output	Seat lifting (front)	Operate (down)	Battery voltage
(0/11)		output signal			Stop	0
38 (L/Y)	Ground	Lifting motor (rear) up output signal	Output	Seat lifting (rear)	Operate (up)	Battery voltage
(L/1)		output signal			Stop	0
39 (R/B)	Ground	Lifting motor (rear) down	Output	Seat lifting (rear)	Operate (down)	Battery voltage
(K/D)		output signal			Stop	0
40 (R/W)	Ground	Power source (Fuse)	Input	_		Battery voltage
42 (W/B)	Ground	Sliding motor backward output signal	Output	Seat sliding	Operate (backward)	Battery voltage
(۷۷/۵)		output signal			Stop	0
44 (P)	Ground	Reclining motor back- ward output signal	Output	Seat reclining	Operate (backward)	Battery voltage
(F)		ward output signal			Stop	0
45 (L/R)	Ground	Lifting motor (front) up output signal	Output	Seat lifting (front)	Operate (up)	Battery voltage
(2711)		odipat signal			Stop	0
48 (B)	Ground	Ground (power)	_	_		0

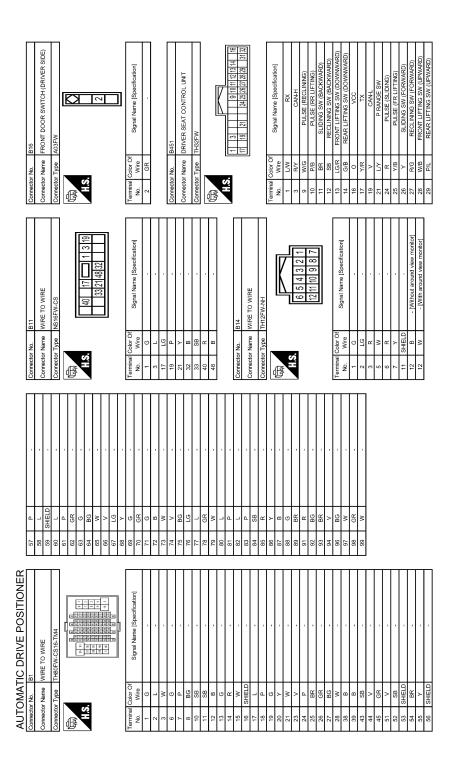
[WITH ADP]

Wiring Diagram - AUTOMATIC DRIVE POSITIONER CONTROL SYSTEM -









JRJWC5593GB

Α

В

С

 D

Е

F

G

Н

Corrector No. Bu60	Terminal Color Of Signal Name (Specification) 1
Corrector No. B456 Corrector Name LIFTING MOTOR (REAR) Corrector Type NSDETBR-CS H.S. 16 31 10	Terminal Color Of No. Signal Name [Specification]
Corrector No. 8454 Corrector Name RECLINING MOTOR Corrector Type NSGFW-CS H.S. 16 31 9	Terminal Color Of Signal Name Specification 16 0 0 0 0 0 0 0 0 0
AUTOMATIC DRIVE POSITIONER 31 GR SERSOR GND 32 BVV GND (SIGNAL) Connector No. B452 Connector Name PRIVER SEAT CONTROL UNIT Connector Type NS19FW-CS (Connector Type NS19FW-CS	Color Of Signal Name (Specification Wive Branch State (LFORW) WIR SUDINS MOTOR (LFORW) GIV RECLINING MOTOR (LFORW) GIV REAR LIFTING MOTOR (LOW) WIN SUDINS MOTOR (LOW) WIN SUDINS MOTOR (LOW) BASS SUDINS MOTOR (LFORG) WIN SUDINS SENSOR No. BASS No. BASS No. BASS No. BASS SUDINS SENSOR SUDINS SENSOR SUDINS SENSOR Type 6098-0241 GOOD OF OF REAR LIFTING MOTOR (LOW) SUDINS SENSOR Type 6098-0241 GOOD OF OF REAR LIFTING MOTOR (LOW) SUDINS SENSOR Type 6098-0241 GOOD OF OF REAR LIFTING MOTOR (LOW) SUDINS SENSOR Type 6098-0241 GOOD OF OF REAR LIFTING MOTOR (LOW) SUDINS SENSOR Type 6098-0241 GOOD OF OF GOOD OF GRANN GOOD OF GOOD O

MIR

Κ

 \mathbb{N}

Ν

0

JRJWC5594GB

23 B	SHIELD	25 S S S S S S S S S S S S S S S S S S S	Н	+	33 88	35 35	¥ 0	+	<u> </u>	0	>	7	42 0 .	+	╁	┝	H		49 SHIELD -			Connector No. D33	Connector Name DOOR MIRROR (PASSENGER SIDE)	Connector Type TH24MW-NH		「」	5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	12 11 10 9 8	24 23 22 21 19 18 17 16 14		-	Terminal Color Of Signal Name [Specification]) All C	- M	97		6 R	7 LG .	0	- C	Ŧ	12 0
Connector No DS	g.	Connector Type A08FW	á	医		70 - 10	3 5 6 7 2 1 4			Terminal Color Of	No. Wire Signal Name [Specification]	1 L	+	3 GK	+	0 9	H		-	Connector No. D31	Connector Name WIRE TO WIRE	Connector Lune THADEIN COAE	Collinector Type 17*0FVV-CSTS		15 14 13 12 11 10 9 8 7 6 5 4 3 2 1		(2) (2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4			la la	Wire	a -	7 3	A 0.	╀	80	- PT 6	13 B .	- v +1	- cr	+	22 W -
- V 8	· a %	48 GR -	Н	+	51 SB -	53 6	+	# 15 F	1		Connector No. D3	Connector Name DOOR MIRROR (DRIVER SIDE)		Connector Type TH24MW-NH			13 2 3 2 8 2 8 2 8 2		[24] Z3[Z2[Z1]			lerminal Color Of No Mire No Wire	T	+			· GK	+	10 G	Н	+	a i	n n	0 0 0	╁	F	H	24 V -				
AUTOMATIC DRIVE POSITIONER	Connector Name WIRE TO WIRE	Connector Type TH40FW-CS15			15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	म्बन्द्रम् व्यवस्थान् वा अधिका ज्योज्ञ । स्थाय प्रदाय प्राधा । या वा तो गर्	उस इस देश हो			Terminal Color Of	No. Wire Signal Name [Specification]	- B	3 6	$^{+}$	8S 8S	┝	H	Н	12 LG .	+	14 P	15 L	+	22 GR	Н	24 LG -	+	+	┝	30 LG .	31 0 -	32 BR -	+	45 45 45 45 45 45 45 45 45 45 45 45 45 4	╀	╀	Ġ	Н	В	41 SHELD -	+	44 BR -

JRJWC5595GB

DRIVER SEAT CONTROL UNIT

Α

В

С

 D

Е

F

G

Н

	Connector No. F151	Connector Name TCM		Connector Type SP10FG				_	0 4 0 7 1	01 6 8 2 9			Terminal Color Of	No. Wire Signal Name (Specimonium)	1 W IGNITION POWER SUPPLY	2 B BATTERY POWER SUPPLY (MEMORY BACK-UP)	3 R CAN-H	0	9	6 GR IGNITION POWER SUPPLY	7 L BACK-UP LAMP RELAY	8 BR CANL	γ ST/	10 W/B GROUND		Γ	Connector No. M1	Connector Name FUSE BLOCK (J/B)		Connector Lype INSUB-W-MZ	4		3A	24 74 64 64	8A (Alonon 4A)			Terminal Color Of	No. Wire Signal Name [Specification]	1A BG	┝	- Vε	╀	╀	+	+	+	8A L			
	\dashv	\dashv	+	88 BG -	- 91 68	90 BR -	91 GR -	92 BR -	93 SB -	95 Y	- M 96	97 W	98 SHIELD -	100 Y			Connector No. F51	Connector Name A/T ASSEMBLY		Connector Type RK10FG-DGY				(5 4 3 2 1 3)	1 1	0 / 8 8 0			Terminal Color Of Signal Name [Specification]	$^{+}$	- 6	2 K BATTERY POWER SUPPLY (MEMORY BACK-UP)	-	> @	NOITING!	~	8 P CANL	9 GR STARTER RELAY [With VQ engine]	9 LG STARTER RELAY [With VK engine]	L											
		P - [Without ICC]	_	Y - [With ICC]	SHIELD .	9		BG -			BG .		GR .		9T	٠.		. 9	GR .				. ·	BR -		· ·	BG .		SB	τ 8	300	· ·		2 -	. BB		SHIELD	. 9	. 9		BR		3		- 87	8 -	- 3	× -			
	54	24	25	52	26	28	29	30	32	33	8	37	38	39	41	42	43	44	45	46	47	48	49	20	51	25	23	\$	22	6	8 2	19	83	3 8	9	69	02	71	72	73	74	¥	2 12	82	2 &	8 2	0 8	8 8	2	8	
AUTOMATIC DRIVE POSITIONER	\dashv	╗	굜	4	Н	H	H	23 W -	24 V -			Connector No. E106	TOWN OF TOWN	CONTRECTOR INSTITUTE TO WITH	Connector Type TH80FW-CS16-TM4			1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					틸	0	+	+	+	7	+	+	5 7	+	10 BR	╀	H	13 R	H	15 SHIELD -	Г	⊦	18 D	+	20 W - IWith ICCI	- LVAVIH	- 00	YG C		> (23 6 .	

MIR

Κ

M

Ν

0

JRJWC5596GB

-	+		>	84 L -	85 P .	96 BR -	- d 28	>	. (0	+		¥	ď	\dashv	\dashv	- M 96	┪	98 SHIELD -	100 Y -		Connector No. M7		Connector Name WIRE TO WIRE	Connector Type TH80MW-CS16-TM4	1					50 Sept. 50			la O	a)		+	+		6 P .	7 V -	8 BG .	M	11 BG .	12 B -	13 G	14 R .	15 W -	16 SHIELD -	٦ .	18 P .
L								L	L	1	1	1									S	L	<u> </u>	8] [÷ `	•				Į	Ter	1								<u> </u>					_			Ш
	- [Without ICC]	- [Without ICC]	- [With ICC]		- [With ICC]	- [Without ICC]	- [Without ICC]	- [With ICC]								•			•								-		-									•		-				,					-	
ŀ	œ	_	œ	_O	٦	Ь	>	>	CHIELD	9	<u> </u>	>	8	>	>	_	ဗ	ď	U	_ 3	: œ	<u>c</u>	S. S.	>	_	Ь	BG	PI	SB	\	BG	띪	SB	SB	SB B	>	_	œ	٦	BG	^	SHIELD	BG	GR	>	SB	^	>	\	BG
ŀ	51	22	52	23	24	24	52	25	t	t	07	67	8	32	33	34	37	38	39	t 4 5	43	44	45	46	47	48	49	20	51	52	53	54	22	29	8	61	62	63	64	65	69	Г	7.1	72	73	74	9/	- 22	78	80
		_	_	_			_	_	_	_	_	_			_		_	_			<u> </u>	_	<u> </u>	<u> </u>	<u> </u>										_		_					_	_		_					_
	T				-										M6	WIRE TO WIRE)	TH80MW-CS16-TM4			2 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	323 246 339 238 326 346 339 238				17-31-19-1-19-1-19-1-19-1-19-1-19-1-19-1	Signal Name [Specification]		=	 [Without Auto aircon seat] 	 [With Auto aircon seat] 		1	1		T.					-							- [Without ICC]	- [With ICC]	- [With ICC]
Ī	>	R	≥	_	ď	BG	SB	~	>		3 .	7														Color Of	Wire	9	BG	LG	SB	PC	GR	>	o	≥	۵.	BR	В	9	ď	×	SHIELD	R	_	۵	9	GR	W	BR
Ī	45	46	47	48	49	20	51	25	23	3 2	5 1	22			Connector No.	Connector Name		Connector Type	ó	事	/H.S.					Ferminal (No.	1	2	3	8	4	9	9	7	80	6	10	11	12	13	14	15	16	17	18	19	20	20	21
AUTOMATIC DRIVE POSITIONER	Connector No. M5	Connector Name WIRE TO WIRE		Connector Type TH40MW-CS15			36 85 65 65 65 65 65 65 65 65 65 65 65 65 65		16:17 16:19 20 20 22 22 22 22 24 25 26 20 20 30 30 30 30 30 40 44 14 43 44 45 46					ial Color Of Signal Name [Specification]	organia regime [obcompanion]	1 B			. M	- w	10 BG	╀	12 V	H	14 P		Н	Н	Н	_	24 P	\dashv	+	28 LG -	+	30 P	\dashv	\dashv	33 L		_	36 R	П	38 SHELD -	39 W		41 SHIELD -	9	43 R -	44 G .

JRJWC5597GB

DRIVER SEAT CONTROL UNIT

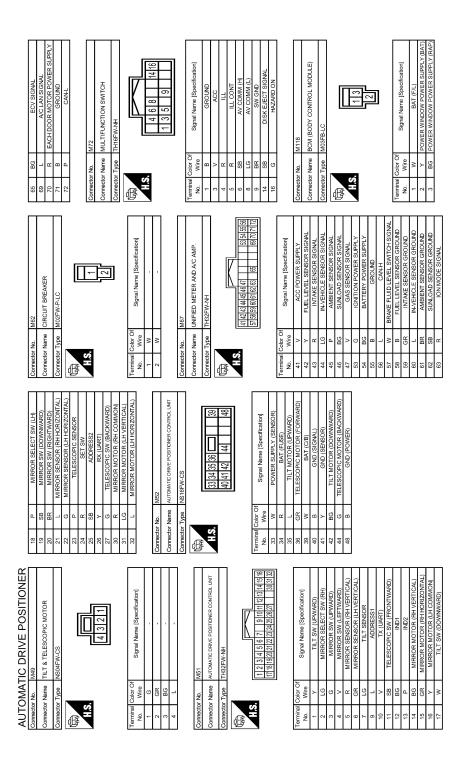
Α

Ρ

Signal Name [Specification]	В
	С
12 G 11 S B 14 S B 15 W Wire	D
	Е
M24 BD16FW M26 M26 Signal Name [Specification] Signal Name [Specification] Signal Name [Specification]	F
No. M24 Nume DATA LIN Nume DOM M26 Color Of S Wine B B B B B B B B B B B B B B B B B B B	G
Corrector No. Correc	Н
OT	I
	J
87	K
	MIR
AUTOMATIC DRIVE POSITIONER 20 R C 23 L C 24 L C 25 R C 26 R C 26 R C 27 B C 28 B C 28 B C 29 R C 29 R C 29 R C 29 SHELD 29 SHELD 29 SHELD 29 SHELD 29 SHELD 29 C	M
OMAAIC	N
ALA A A A A A A A A A A A A A A A A A A	0

JRJWC5598GB

MIR-41 Revision: 2015 February 2015 QX70



JRJWC5599GB

Α

В

 D

Е

Н

A	OMA	AUTOMATIC DRIVE POSITIONER										
Connector No.	tor No.	M119	82	۵	IGN RELAY (F/B) CONT	143	۵	COMBI SW OUTPUT 1	41	۵	•	
	Commontor Moreo	THOM TOURING ACCOUNTS	83	GR	KEYLESS ENTRY RECEIVER SIGNAL	144	ŋ	COMBI SW OUTPUT 2	42	97		
5	ioi kalik		87	BR	COMBI SW INPUT 5	145	\dashv	COMBI SW OUTPUT 3	43	٦		
Connec	tor Type	Connector Type NS16FW-CS	88	>	COMBI SW INPUT 3	146	Н	COMBI SW OUTPUT 4	44	>		
4			06	۵	CAN-L	150	SR	DRIVER DOOR SW	45	ď		
ß	_		91	٦	CAN-H	151	ŋ	REAR WINDOW DEFOGGER RELAY CONT	46	W		
) II C	ç	1 5 7 7 0 0 10	95	9	KEY SLOT ILL				47	>		
=	5]	93	>	ONIND				48	æ		
		11 13 15 17 18 19	92	BG	ACC RELAY CONT	Conne	Connector No.	M124	49	SHIELD		
			96	GR	A/T SHIFT SELECTOR POWER SUPPLY	duco	Connector Name	WIRE TO WIRE				
			66	œ	SHIFT P	5	O LIGHT	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
			100	4	PASSENGER DOOR REQUEST SW	Conne	Connector Type	TH40MW-CS15	Connector No.	١	M137	
Termin.	Terminal Color Of	Of Signal Name [Specification]	101	_	DRIVER DOOR REQUEST SW	ą			Connector Name		A/T SHIFT SELECTOR	
ġ Ž	Wire	,	102	8	BLOWER FAN MOTOR RELAY CONT	B	_			1		
4	۵	INT ROOM LAMP PWR	103	æ	KEYLESS ENTRY RECEIVER POWER SUPPLY	Ŧ	e	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Connecto	Type T	Connector Type TH12FW-NH	
2	>	PASSENGER DOOR	107	ΓG	COMBI SW INPUT 1	1	ė		(
7	>		108	œ	COMBI SW INPUT 4			78 17 18 19 21 21 22 22 24 25 25 30 31 38 33 41 41 42 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 44	厚			
8	>		109	>	COMBI SW INPUT 2			Por Porto trade to the Line In the Land to	ť		<u>/</u>	
6	Ø	DRIVER DOOR, FUEL LID UNLOCK OUTPUT	110	g	HAZARD SW				Ź		1 0 0 7	
10	Æ	REAR DOOR UNLOCK OUTPUT									1 2 3 4 3	
=	œ	BAT (FUSE)				Termir	Ferminal Color Of	9			7 8 9 10 11	
5	۵	GROUND	Connector No.		M123	Ž	Wire	ognal Name [opecification]			ᅦ	
15	>					က	>					
17	>	TURNS	Connec	Connector Name	BCM (BODY CONINCL MODULE)	4	9		Terminal	Color Of	:	
18	BG		Connect	Connector Type	TH40FG-NH	2	SB		ō.	Wire	Signal Name [Specification]	
19	ay.					e	BB		,	8		
	3		Œ	•		^	į c			>		
			4			. α	>		ıĸ	-		
o constant	Connector No	M432		œ.	7		. 4			-		
500	2	W122			124128 121 119118 118 119112	9	3 0		t u	,		
Connec	Connector Name	e BCM (BODY CONTROL MODULE)			क्षित्र । महत्त्व भवात्र प्रवास । १३ । १३	2 5	9		0 1	5 8		
Į	1	i i i				t ų	3 3			3 8		
	1 200	٦.				2 6	\$ (0 0	9 0		
qĮ.	•		Townsing	o voley Color		2 8	, (, ;	2 6		
季			2	Wire	Signal Name [Specification]	2 6	2 3		2 5	5 0		
S = \	ψ.		7	2 2	VINI LINIGES GOGINES INING	3 8	٥					
	1	91 90 88 87 88 83 83 82 81 80 73 78 77 76 75 74	445	5 0	CALL SENSON SENIAL LINK	3 2	ם ב					
		111g 110g 110g 111g 111g 111g 111g 111g	2 5	. 2	OTOD I MAD DIM 4	į t						
			7 0	Ę a	STOP LAMP SW 1	67 96	םפ					
			9	- 6	S ION DAWN SW Z	02	2 8					
			119	SS	DR DOOR UNLOCK SENSOR	33	BG					
Termin	Terminal Color Of	Of Signal Name [Specification]	121	Ж	KEY SLOT SW	32	>					
o Q	Wire	1 0	123	>	IGN F/B	33	PC					
74	SB	PASSENGER	124	P	PASSENGER DOOR SW	34	SB					
75	æ	PASSENGER	132	BG	POWER WINDOW SW COMM	32	>	-				
9/	>	DRIVER DOOR ANT-	134	GR	LOCK IND	36	BG					
77	PI	PG	137	В	RECEIVER/SENSOR GND	37	GR					
78	>	ROOM ANT1-	138	>	SENSOR POWER SUPPLY	38	ŋ	 [Without automatic drive positioner] 				
79	BR		140	ď	SHIFT NP	38	ď	- [With automatic drive positioner]				
80	⊢		141	ŋ	SECURITY INDICATOR OUTPUT	39	۵					
81	Н		142	BG	COMBI SW OUTPUT 5	40	œ					

MIR

Κ

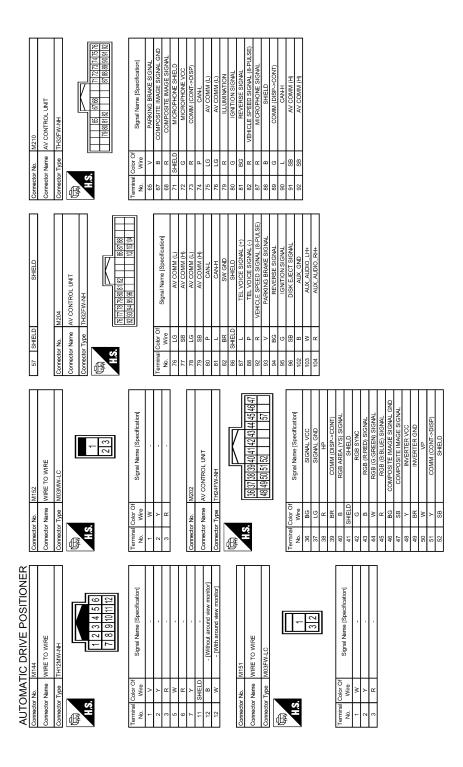
. .

IVI

Ν

 \cap

JRJWC5600GB



JRJWC5601GB

Fail Safe

INFOID:0000000011046195

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

DRIVER SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Α

В

D

Е

F

Н

Operating in fail-safe mode	Malfunction Item	Related DTC	Diagnosis
	CAN communication	U1000	ADP-45
Only manual functions operate normally.	Tilt sensor	B2118	ADP-50
Only manual functions operate normally.	Telescopic sensor	B2119	ADP-53
	Detent switch	B2126	ADP-56
Only manual functions, except door mirror, operate normally.	UART communication	B2128	ADP-58
Only manual functions, except seat sliding, operate normally.	Seat sliding output	B2112	ADP-46
Only manual functions, except seat reclining, operate normally.	Seat reclining output	B2113	ADP-48

DTC Index

CONSULT	Tim	ing ^{*1}		
display	Current mal- function	Previous mal- function	Item	Reference page
CAN COMM CIRCUIT [U1000]	0	1-39	CAN communication	ADP-45
SEAT SLIDE [B2112]	0	1-39	Seat slide motor output	ADP-46
SEAT RECLINING [B2113]	0	1-39	Seat reclining motor output	ADP-48
TILT SENSOR [B2118]	0	1-39	Tilt sensor input	ADP-50
TELESCO SENSOR [B2119]	0	1-39	Telescopic sensor input	ADP-53
DETENT SW [B2126]	0	1-39	Detention switch condition	ADP-56
UART COMM [B2128]	0	1-39	UART communication	ADP-58

*1.

MIR

K

M

Ν

C

^{• 0:} Current malfunction is present

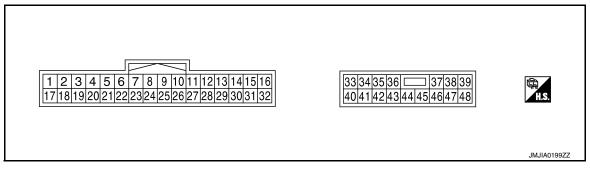
^{• 1-39:} Displayed if any previous malfunction is present when current condition is normal. The numeral value increases by one at each IGN ON to OFF cycle from 1 to 39. The counter remains at 39 even if the number of cycles exceeds it. However, the counter is reset to 1 if any malfunction is detected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

[WITH ADP]

AUTOMATIC DRIVE POSITIONER CONTROL UNIT

Reference Value

TERMINAL LAYOUT



PHYSICAL VALUES

	nal No. color)	Description		Conditi		Voltage (V)
(+)	(-)	Signal name	Input/ Output	Condition	OII	(Approx.)
1	Ground	Tilt switch up signal	Innut	Tilt switch	Operate (up)	0
(Y)	Ground	Till Switch up Signal	Input	THE SWILCH	Other than above	5
2		Changeover switch RH		Changeover	RH	0
(LG)	Ground	signal	Input	switch position	Neutral or LH	5
3	Ground	Mirror switch up signal	Input	Mirror switch	Operated (up)	0
(G)	Giodila	will of switch up signal	input	WIIITOI SWILCII	Other than above	5
4	Ground	Mirror switch left signal	lanut	Mirror switch	Operated (left)	0
(V)	Ground	Militor Switch left signal	Input	WIITOI SWILCII	Other than above	5
5 (R)	Ground	Door mirror sensor (RH) up/down signal	Input	Door mirror RH pos	sition	Change between 3.4 (close to peak) 0.6 (close to valley)
6 (GR)	Ground	Door mirror sensor (LH) up/down signal	Input	Door mirror LH pos	sition	Change between 3.4 (close to peak) 0.6 (close to valley)
7 (LG)	Ground	Tilt sensor signal	Input	Tilt position		Change between 1.2 (close to top) 3.4 (close to bottom)
9					Push	0
(L)	Ground	Memory switch 1 signal	Input	Memory switch 1	Other than above	5
10 (V)	Ground	UART communication (TX)	Output	Ignition switch ON		2mSec/div 2mSec/div JMJIA0118ZZ

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

ECO D	IAGNOS	IS INFORMATION >				[WITH ADP]
	nal No. color)	Description		Conditio	on	Voltage (V)
(+)	(-)	Signal name	Input/ Output	Condition	OII	(Approx.)
11	Ground	Telescopic switch forward	Input	Telescopic switch	Operate (forward)	0
(SB)	Orodila	signal	прис	relescopic switch	Other than above	5
12					Illuminate	0
(BG)	Ground	Memory indictor 1 signal	Output	Memory indictor 1	Other than above	Battery voltage
13					Illuminate	0
(P)	Ground	Memory indictor 2 signal	Output	Memory indictor 2	Other than above	Battery voltage
14	Ground	Door mirror motor (RH) up	Output	Door mirror RH	Operate (up)	Battery voltage
(BG)	Ground	output signal	Output	Door Hillor Kir	Other than above	0
15	Ground	Door mirror motor (RH)	Output	Door mirror RH	Operate (left)	Battery voltage
(GR)	Ground	left output signal	Output	Door million Kin	Other than above	0
		Door mirror motor (LH)			Operate (down)	Battery voltage
16	Ground	down output signal	Output	Door mirror (LH)	Other than above	0
(Y)	Ground	Door mirror motor (LH)	Output	Door militor (EH)	Operate (right)	Battery voltage
		right output signal			Other than above	0
17	Ground	Tilt switch down signal	Input	Tilt switch	Operate (down)	0
(W)	Ground	Till Switch down signal	Input	THE SWILCH	Other than above	5
18		Changeover switch LH		Changeover	LH	0
(P)	Ground	signal	Input	switch position	Neutral or RH	5
19	Ground	Mirror switch down signal	Input	Mirror switch	Operate (down)	0
(SB)	Sibulia	THILL SWILOII GOWII SIGIIGI	mput	WIIITOI SWILCII	Other than above	5
20	Ground	Mirror switch right signal	Input	Mirror switch	Operate (right)	0
(BR)	Sibulia	Millor Switch Hight Signal	mput	WIIITOI SWILCII	Other than above	5
21 (L)	Ground	Door mirror sensor (RH) left/right signal	Input	Door mirror RH pos	sition	Change between 3.4 (close to left edge) 0.6 (close to right edge)
(L) 22 Ground 23 (P) Ground	Ground	Door mirror sensor (LH) left/right signal	Input	Door mirror LH pos	sition	Change between 0.6 (close to left edge) 3.4 (close to right edge)
	Telescopic sensor signal	Input	Telescopic position		Change between 0.8 (close to top) 3.4 (close to bottom)	

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

		IS INFORMATION >		1		[WITH ADF]
	nal No. e color)	Description		Condition	on	Voltage (V)
(+)	(-)	Signal name	Input/ Output			(Approx.)
24 (R)	Ground	Set switch signal	Input	Set switch	Push Other than above	0 5
25 (SB)	Ground	Memory switch 2 signal	Input	Memory switch 2	Push Other than	0
26		UART communication			above	10mSec/div
(Y)	Ground	(RX)	Input	Ignition switch ON		2V/div JMJIA0121ZZ
27 (G)	Ground	Telescopic switch back- ward signal	Input	Telescopic switch	Operate (backward) Other than above	5
		Door mirror motor (RH)			Operate (down)	Battery voltage
30	Ground	down output signal	Output	Door mirror (RH)	Other than above	0
(R)		Door mirror motor (RH) right output signal			Operate (right)	Battery voltage
		right output signal			Other than above	0
31 (LG)	Ground	Door mirror motor (LH) up output signal	Output	Door mirror (LH)	Operate (up) Other than	Battery voltage
		7,			above Operate	0
32 (L)	Ground	Door mirror motor (LH) left output signal	Output	Door mirror (LH)	(left) Other than	Battery voltage
33					above	0
(W) 34	Ground	Sensor power supply	Input	_		5
(R)	Ground	Power source (Fuse)	Input	_	Onerete	Battery voltage
35 (L)	Ground	Tilt motor up output signal	Output	Steering tilt	Operate (up) Other than	Battery voltage
					above Operate	0
36 (GR)	Ground	Telescopic motor forward output signal	Output	Steering telescop-	(forward) Other than	Battery voltage
		- 22 4 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		_	above	0
39 (W) 40	Ground	Power source (C/B)		_		Battery voltage
(B)	Ground	Ground	_	_		0

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

	nal No. color)	Description		Condition	on.	Voltage (V)
(+)	(-)	Signal name	Input/ Output	Condition	JII	(Approx.)
41 (Y)	Ground	Sensor ground	_	_		0
42	Ground	Tilt motor down output sig-	Output	Steering tilt	Operate (down)	Battery voltage
(BG)	Ground	nal	Output	Steering till	Other than above	0
44	Ground	Telescopic motor back-	Output	Steering telescop-	Operate (backward)	Battery voltage
(G)	Ground	ward output signal	Output	ic	Other than above	0
48 (B)	Ground	Ground	_	_		0

F

Α

В

С

 D

Е

G

Н

J

Κ

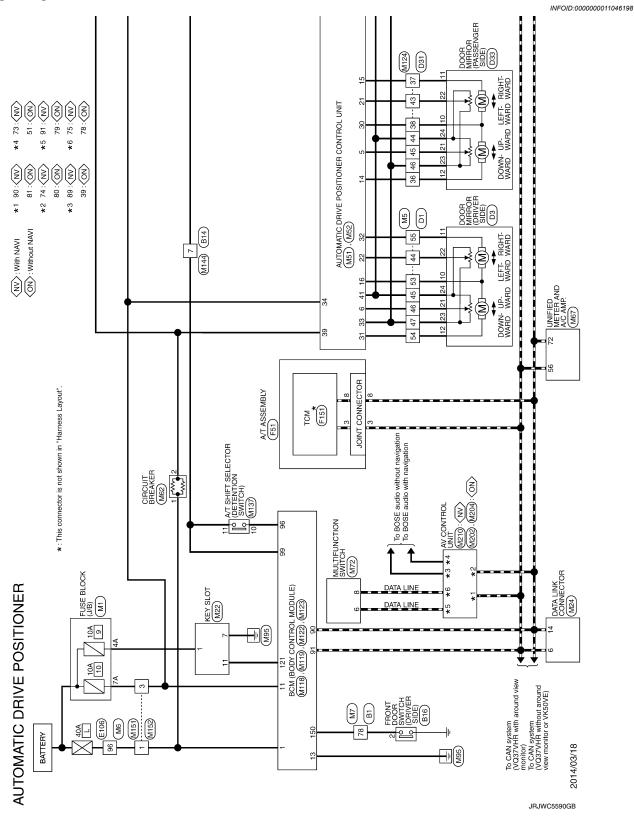
MIR

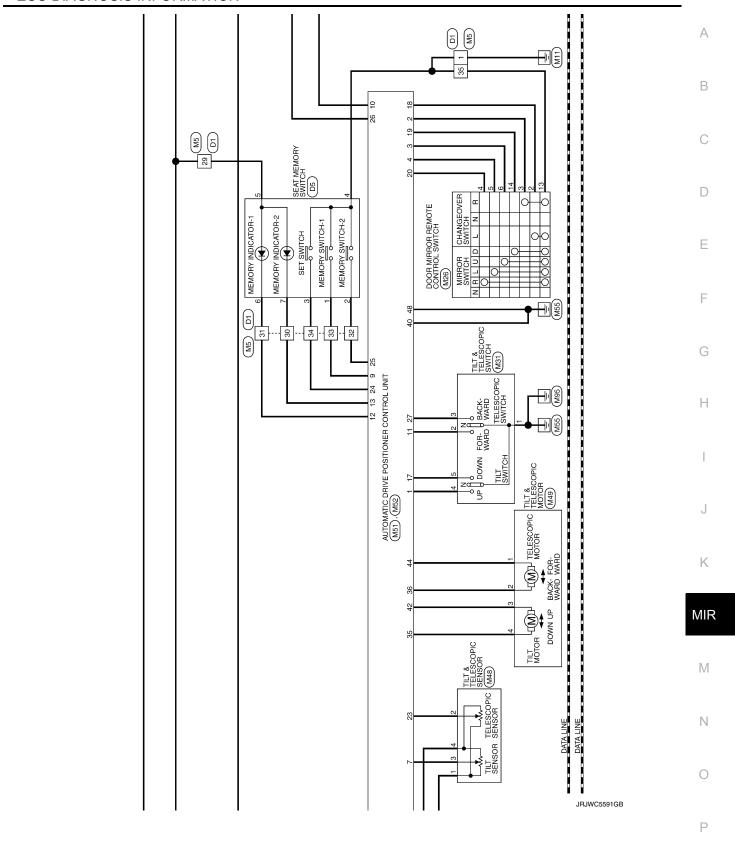
 \mathbb{N}

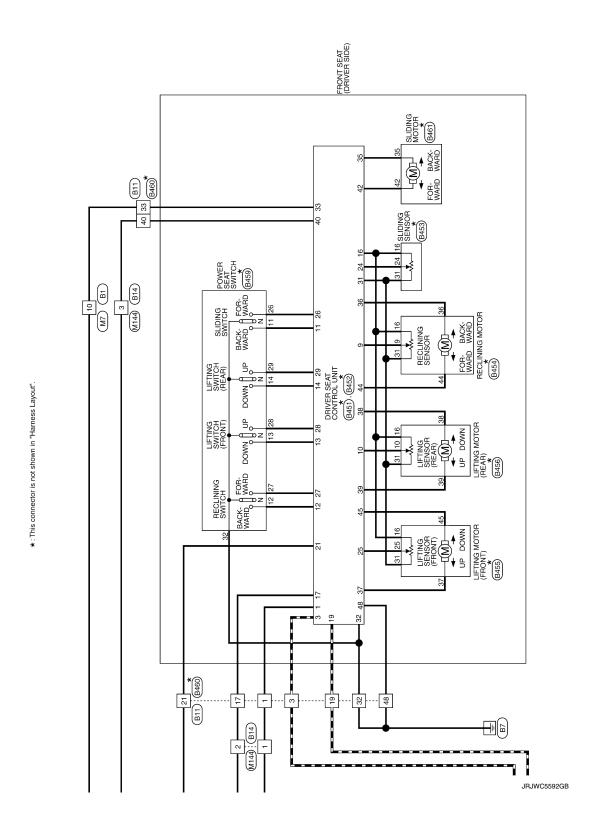
Ν

0

Wiring Diagram - AUTOMATIC DRIVE POSITIONER CONTROL SYSTEM -







[WITH ADP]

Α

Ρ

WITCH (DRIVER SIDE) Control Christophia Control	В
Signal Na Signal	С
Corrector No. Bit	D
	Е
Signal Name [Specification] Sign	F
	G
Corrector No.	Н
	I
	J
S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 <td>K</td>	K
Corrector Name Witten Owner Corrector Name Correc	MIR
WINE TO WINE THEODY, CST 6-TIME	M
AUTOMATIC Connector No. Bit Connector Name Wit Connector Name	N
AUTOM Competion No.	
	0

JRJWC5593GB

MIR-53 2015 QX70 **Revision: 2015 February**

Corrector No. B460 Corrector Name WIRE TO WIRE	Corrector Type NS16MW-LC	Terminal Color Of Signal Name [Specification] No. Wire 1 L/W 3 R/Y 3 R/Y	Y/R V U/Y B/W	33 R	Corrector No. B461 Corrector Name SLIDING MOTOR Corrector Type 6098-0239	H.S.	Terminal Color Of Signal Name [Specification] No. Wire 35 W/R	
Connector No. B456 Connector Name LIFTING MOTOR (REAR)	Connector Type NSOGFBR-CS 10	Terminal Color Of No. Vire Signal Name [Specification]	GR L/Y R/B	Connector No. B459 Connector Name POWER SEAT SWITCH	Cornector Type NSTOFW-CS	<u>a</u>		29 PNL .
Connector No. B454 Connector Name RECLINING MOTOR	Cornector Type NSO6FW.CS	Terminal Color Of No. Signal Name [Specification] No. Wire Signal Name [Specification] No. No.	GR G/Y P	Connector No. B455 Connector Name LIFTING MOTOR (FRONT)	Connector Type INSIGEWI-CS 45. 45. 1631 25	nal Color Of Signal Name	20 778	
AUTOMATIC DRIVE POSITIONER 31 GR SENSOR GND 32 BW GND (SIGNAL)	Corrector No. B452 Corrector Name DRIVER SEAT CONTROL UNIT Corrector Type NS16FW.CS	40 42 44 45	Terminal Color Of Signal Name [Specification] Nine Nine Signal Name [Specification]	G/Y RECLININ G/W FRONT LIFTII L/Y REAR LIFTI R/B REAR LIFTIN	W/B W/B U/R B	Connector No. B453 Connector Name SLIDNA SENSOR Connector Type 6098-0241	H.S.	Terminal Color Of No. Wire Signal Name (Specification) No. Wire 0

JRJWC5594GB

< ECU DIAGNOSIS INFORMATION >

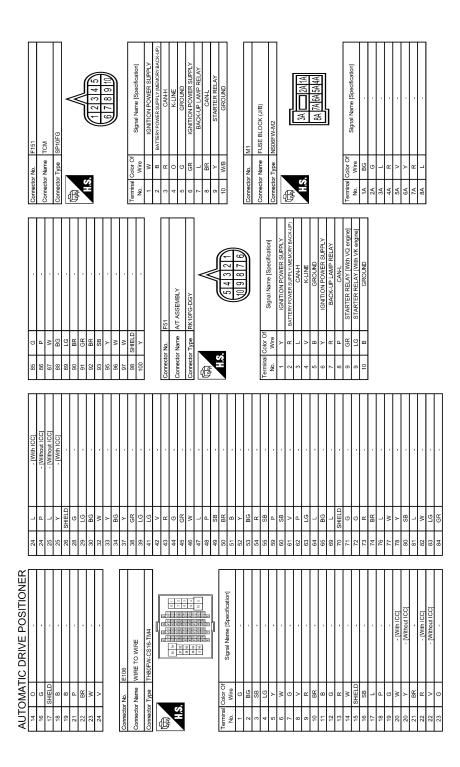
[WITH ADP]

Α

ENGER SIDE) 10 14 3 2 14 14 14 14 14 14 14 14 14 14 14 14 14	В
D33 D00R MIROR (PASSENGER SIDE) THEAMWANH T1211110 9 8 7 6 5 4 3 2 2 2 2 2 2 2 2 2 1 1 19 18 17 16 14	С
23 B SHELD 24 SHELD 25 GR CO CONTROL Mine DOC CONTROL MIN	D
	Е
Signal Name Specification	F
	G
Connector No.	Н
D3 DOOR MIRROR (DRIVER SIDE) T-E24MW-NH Signal Name [Specification]	I
17-24/MW-ANH 17-24/20/20/20/20/20/20/20/20/20/20/20/20/20/	J
1 1 1 1 1 1 1 1 1 1	K
SITIONER	MIR
Mine To Wine	M
Connector No. Connector No. Connector No. Connector No. Connector No. Connector No.	Ν
AUTO Commetter N Commetter N No. 10 Terminal Commetter N No. 20 11 11 12 22 23 24 28 28 28 28 28 28 28 38 44 44 44 44 44 44 44 44 4	
	0

JRJWC5595GB

MIR-55 2015 QX70 **Revision: 2015 February**



JRJWC5596GB

< ECU DIAGNOSIS INFORMATION >

[WITH ADP]

Α

Р

L	B C
1 C C C C C C C C C	
	Е
- (Without ICC) - (With ICC) -	F
2	G
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Н
Wife TO WRE THEOMYCSIS TIME THEOMYCSIS	I J
1 1 1 1 1 1 1 1 1 1	K
	MIR
AUTOMATIC DRIVE PO Corrector No. MS Corrector Type TH40MW-CS15 Corrector Type C	M
AUTOMAT Corrector No. 1 Corrector No.	Ν
Commetter Comm	0

JRJWC5597GB

	+	DATA LINK CONNECTOR 13 B -	BD16FW 15 BG .	16			٦		= 김	Connector Type TK06FGY	4	Signal Name (Specification)			3 4 1 5 2			Tarminal Color Of	No Wire Signal Name [Specification]		2 SB .	9 8		- M			DOOR MIRROR REMOTE CONTROL SWITCH	GOSIVER CONTRACTOR CON		Connector Type TK04FW				8 9 10 11 12 13 14 13 16				Signal Name [Specification]	No. Wire Signal Name [Specification]		2 P	. 97 E	. 4 Y				
	Connector No.	Connector Name	Connector Type	[19	E	ė					<u>a</u>	+	+	+	. BB		5 0	+	╀	13 L	14 P	H			Connector No.	Connector Name	COLLECTOR I VALLE	Connector Type TK16FBR	4	修	SH.					Terminal Color Of	No. Wire	H	3 FC	4 BR	2	9	8 SB	\dashv	\dashv	11 P
	,								,				M22	KEY SLOT		TH12FW-NH		<u> </u>	F	1 2 3 5 6	7			5	ognal Name [opecification]	BAT	CLOCK	DATA	ILL BAT	ILL	GROUND	KEY SWITCH SIGNAL															
	a .	9 g	2 ~	BG	BR	>	BG	W	ď	BG			-		,	r Type								Color Of	Wire	ď	GR	W	>	PC	В	BR															
	87	88 8	91	92	93	94	96	6	86	66			Connector No.	Connector Name		Connector Type	Q.	事	S.E					Terminal	No.	-	2	3	2	9	7	#															
AUTOMATIC DRIVE POSITIONER																										-			1															•			
OMAT	U I	¥ (2 >	۵	æ	GR	BG	W	8	В	SB	>	<u>.</u>	> 9	9 1	SHELD	ř >	- 1	9	-	SHELD	_	BR	ď	≻	_	*	^	PP	>	o i	> }	3 6	≥ ۵	<u>c</u>	۵	97	88	g.	œ	٦	۵	٦	۵	SB	≥	>
A V	т	т	23	Т	П	П				П	П	Т	т	Т	т	т	t u	8 8	3 12	89	29	09	61	62	63	64	92	99	67	89	69	0 i	5	7 2	74	75	9/	1	78	6/	80	81	82	83	84	82	98

JRJWC5598GB

Α

В

С

 D

Е

F

Н

BG	69 L ACLANSIGNAL 70 R EACH DOOR MOTOR POWER SUPPLY 71 B GROUND	72 P CAN-L Corrector No. M72	e e		4 6 8 14 16 1 3 5 9 9 14 16		Terminal Color Of Signal Name [Specification] No.	1 B GROUND 3 V ACC	A R R ILL	SB	97	9 BR SW GND 14 SB DISK EJECT SIGNAL	9		Connector No. M118	Connector Name BCM (BODY CONTROL MODULE)	Connector Type M03FB-LC	₫.		1 3			10 mm	l erminal Color Or Signal Name [Specification] No. Wire	M	3 BG POWER WINDOW POWER SUPPLY (BAT)	
Connector No. M62	Connector Name CIRCUIT BREAKER Connector Type M02FW-P-LC	₽ HS		Terminal Color Of Signal Name [Specification]	2 W	Connector No. M67	Connector Name UNIFIED METER AND A/C AMP.	Connector Type TH32FW-NH		A.S.	¥	8		Terminal Color Of Signal Name [Specification] No.	> 1	42 Y FUEL LEVEL SENSOR SIGNAL 43 R INTAKE SENSOR SIGNAL	H	45 P AMBIENT SENSOR SIGNAL	2 >	O	54 BG BATTERY POWER SUPPLY 55 B GROUND	1	× (59 GR INTAKE SENSOR GROUND	۱ -	61 BK AMBIENI SENSOK GKOUND 62 SB SUNLOAD SENSOR GROUND	œ
۵	19 SB MIRROR SW (DOWNWARD) 20 BR MIRROR SW (RIGHTWARD) 21 L MIRROR SENSOR (RH HORIZONTAL)	22 G MIRROR SENSOR (LH HORIZONTAL) 23 P TELESCOPIC SENSOR 24 R SET SW 25 SB ADDRESS	} > o a	31 LG MIRROR MOTOR (LH HORIZONTAL) 32 L MIRROR MOTOR (LH HORIZONTAL)	Connector No. M52 Connector Name AUTOMATIC DRIVE POSITIONER CONTROL UNIT	Connector Type NS16FW-CS		H.S. [33] 34 35 36 [[] 39	40 41 42 44 48			Terminal Color Of Signal Name [Specification] No.	33 W POWER SUPPLY (SENSOR)	34 R BAT (FUSE) 35 L TILT MOTOR (UPWARD)	GR TELESCOPI	39 W BAI (C/B) 40 B GND (SIGNAL)		42 BG TILT MOTOR (DOWNWARD)	o a								
AUTOMATIC DRIVE POSITIONER Corrector No. M49	Connector Name TILT & TELESCOPIC MOTOR Connector Type NS04FW-CS	\$ T	4321	Terminal Color Of Signal Name [Specification]	2 GR	,	Connector No. M51	Connector Name AUTOMATIC DRIVE POSITIONER CONTROL UNIT	Connector Type TH32FW-NH			123456	[17] 18] 19] 20] 21] 22] 23] 24] 25] 26] 27] 30] 31] 32]		lal	1 Y TILT SW (UPWARD)	2 LG MIRROR SELECT SW (RH)	3 G MIRROR SW (UPWARD)	- œ	MIRROR	7 LG TILT SENSOR 9 L ADDRESS1	V TX (UA	SB TELESCOPIC	12 BG IND1 13 P IND2	Н	15 GK MIRROR MOTOR (RH HORIZONIAL) 16 Y MIRROR MOTOR (LH COMMON)	*

MIR

Κ

 \mathbb{N}

Ν

0

JRJWC5599GB

Ρ

AUT	AUTOMA Connector No.	AUTOMATIC DRIVE POSITIONER Connector Name RCM (RODY CONTROL MODILE)	83	P R	IGN RELAY (F/B) CONT KEYLESS ENTRY RECEIVER SIGNAL	143	ه ۵	COMBI SW OUTPUT 1 COMBI SW OUTPUT 2	41	ط 9 ₁		
		. T	87	띪 :	COMBI SW INPUT 5	145	ا ـ	COMBI SW OUTPUT 3	43	- ;		
Connec	Connector Type	NS16FW-CS	88 8	> 0	COMBI SW INPUT 3	146	9 8	COMBI SW OUTPUL 4	4 4	> 0		
Œ	_		8 8	ı -	CAN-L	15	<u> </u>	BEAR WINDOW DEFORCER BEI AV CONT	04 04	¥ ≥		
手			92	. º	KEY SLOT ILL	2	,		47	: >		
2	ø	4 5 7 7 1 8 9 10	93	>	ON IND				48	BR		
		11 13 15 17 18 19	92	BG	ACC RELAY CONT	Connector No.	П	M124	49	SHIELD		
			96	GR c	A/T SHIFT SELECTOR POWER SUPPLY	Connecto	or Name	Connector Name WIRE TO WIRE				
			100	r O	PASSENGER DOOR REQUEST SW	Connecto	or Type	Connector Type TH40MW-CS15	Connector No.		M137	
Terming	Terminal Color Of	L	101	SB	DRIVER DOOR REQUEST SW				(П	0 (H) L L C H L L C H	
o.	Wire	_	102	BG	BLOWER FAN MOTOR RELAY CONT	13			Connecto	Connector Name	AT SHIFT SELECTOR	
4	۵	INT ROOM LAMP PW	103	BR	KEYLESS ENTRY RECEIVER POWER SUPPLY	Ę		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Connector Type	П	TH12FW-NH	
2	>	PASSEN	107	9 ₁	COMBI SW INPUT 1	4	7	REPUBLICATION OF STREET SET SET SET SET SET SET SET SET SET	Q			
۰ م	> >	$^{+}$	108	<u>د</u> >	COMBI SW INPUT 4			77282303132303438 47484950515255955	多		<u> </u>	
0 0	> 0	DRIVER DOOR, FUEL	110	- 0	HAZARD SW				H.S.		F	
10	Ж Ж	REAR DOOR L									1 2 3 4 5	
1	ď	L				Terminal	Terminal Color Of				7 8 9 10 11	
13	В		Connector No.		M123	No.	Wire	ognal Name [opecification]				
15	٨	ACC IND	Connection	90	G II IOOM IOBLINOO AGOS! MOS	3	٨					
17	۸				SOM (EGG) COMINGE MICEOLE)	4	PI		Terminal	Ferminal Color Of	Signal Name (Specification)	
18	BG	2	Connector Type		TH40FG-NH	2	SB		No.	Wire	ognari earle [openication]	
19	SB	ROOM LAMP TIMER	ģ			9	æ		-	×		
			厚			7	O		2	>		
			1		K	∞	>		ო	_		
Connec	Connector No.	M122	2		12 12 12 12 12 12 12 12 12 12 12 12 12 1	6	ഉ	•	4	В		
Connec	Connector Name	BCM (BODY CONTROL MODULE)			20 21 21 21 21 21 21 21 21 21 21 21 21 21	13	В		9	ŋ		
		. 1		_		14	BG		7	BG		
Connec	Connector Type	TH40FB-NH				12	>		ω,	SB		
q						9	9		6	m !		
事	_		Termina	erminal Color Of	Signal Name [Specification]	8 8	ပ္		2 5	£ 0		
/HS	Ø		112	9	BAIN SENSOB SEBIAL LINK	3 8	a a			۷		
	l	77 87 67 08 18 77	113	<u></u>	OPLICAL SENSOR	24	SHELD					
		25,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,555 35,	116	H	STOP LAMP SW 1	22	O					
			118	۵.	STOP LAMP SW 2	56	œ					
			119	SB	DR DOOR UNLOCK SENSOR	31	BG					
Terming	Terminal Color Of	0	121	æ	KEY SLOT SW	32	>					
Š	Wire		123	×	IGN F/B	33	97					
74	SB	PASSENGE	124	91	PASSENGER DOOR SW	34	SB					
75	BR	/д	132	BG	POWER WINDOW SW COMM	32	>					
9/	۸	DRIVER DOOR ANT-	134	GR	LOCK IND	36	BG					
77	FIG	DR	137	В	RECEIVER/SENSOR GND	37	GR					
78	>		138	>	SENSOR POWER SUPPLY	38	ŋ	 [Without automatic drive positioner] 				
79	띪	ROOM ANT1+	140	œ	SHIFT N/P	88	œ	 [With automatic drive positioner] 				
80	+		141	9	SECURITY INDICATOR OUTPUT	39	В					
9	>		142	BG	COMBI SW OUTPUT 5	40	œ					

JRJWC5600GB

Α

В

С

 D

Е

F

G

Н

M144 Connected Connected		M152 WMETO WIRE M03MW-LC M23 Signal Name [Specification]	Somector No. Connector Name Connector Type	M204 AV CONTROL INIT	Connector No.		M210 AV CONTROL UNIT
THT2AMV-Net Corrector	5 1 1 5	MW-LC MWH-LC 2 3 Signal Name (Specification)	Connector No. Connector Name Connector Type		Connect		AV CONTROL UNIT
TH12MW-NH Commetch TH12MW-NH TH12MW-NH TH12MW-NH TH12MM-NH T		MW-LC 1	Connector No. Connector Name Connector Type	$\overline{}$	Connecti	П	
1 2 3 4 5 6	<u> </u>	Signal Name (Specification)	Connector Name			ין	TH32FW-NH
1 2 3 4 5 6	<u> </u>	Signal Name (Specification)	Connector Type		Œ		
1 2 3 4 2 0 7 8 9 10 11 12 8 9 10 11 12 9 10 11 12 1 2 2 1 2 2 1 2 2 2 3 3 3 4 5 5 5 5 5 6 5 5 7 7 8 9 10 11 9 10 10 1 2 3 1 2 3 1 2 3 2 3 3 4 5 5 5 5 6 5 5 7 7 8 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 10 11 9 1		Signal Name (Specification)		TH32FW-NH	H.S.	<u></u>	
Signal Name (Specification) No. 1 1 1 2 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2		Signal Name [Specification]	修			<u></u> -)	79 80 81 82 87 88 89 90 91 92
Signal Name (Specification) No. 10. 12. 2. 3 Commetic	± 1 1	Signal Name [Specification]	ē E	76 77 78 79 80 81 82 86 87 88			
N					Terminal No.	Color Of Wire	Signal Name [Specification]
γ 2					99	>	PARKING BRAKE SIGNAL
R			la	Of Signal Name [Specification]	29	В	COMPOSITE IMAGE SIGNAL GND
M α >-			1		89	œ	COMPOSITE IMAGE SIGNAL
× >			+	AV COMM (L)	Σ 1	SHELD	MICROPHONE SHIELD
		6	78 28	AV COMIM (H)	73 73	9 0	COMM (CONT - DISP)
11 SHELD		7,	+	AV COMM (H)	74	۵.	CAN
Т		AV CONTROL UNIT	╀	CAN-L	75	. º	AV COMM (L)
W - [With around vi		TH24FW-NH	81 L	CAN-H	9/	97	AV COMM (L)
	1		82 BR	SW GND	62	œ	ILLUMINATION
			86 SHIELD	D SHELD	80	9	IGNITION SIGNAL
Connector No. M151	<u>[</u>		\dashv	TEL VOICE SIGNAL (+)	81	BG	REVERSE SIGNAL
Connector Name WIRE TO WIRE	38	37 38 39 40 41 42 43 44 45 46 47	-	TEL VOICE SIGNAL (-)	82	œ	VEHICLE SPEED SIGNAL (8-PULSE)
	: S	0.00	\dashv	VEHICLE SPEED SIGNAL (8-PULSE)	87	œ	MICROPHONE SIGNAL
Connector Type M03FW-LC	\$	1/c	+	PARKING BRAKE SIGNAL	88	m	SHELD
Q.	l		7	REVERSE SIGNAL	88	ტ .	COMM (DISP->CONT)
			+	IGNITION SIGNAL	96	-	CAN-H
g	5 50	Signal Name [Specification]	7	DISK EJECT SIGNAL	- F	3	AV COMM (H)
No.	Wire		+	AUX GND	95	SB	AV COMM (H)
3.2	9g -	SIGNAL VCC	103 V	AUX AUDIO LH+			
/6	2 0	SIGNAL GIND	4	אטעטטער אטע			
+	r E	ENCO - GOID PROCO					
8	<u>د</u> م	DGB ADEA (YS) SIGNAL					
Signal Name [Specification] 41	SHELD	SHELD					
T	o	RGB SYNC					
	В	RGB (R:RED) SIGNAL					
- 44	×	RGB (G:GREEN) SIGNAL					
45	~	RGB (B:BLUE) SIGNAL					
H	-	COMPOSITE IMAGE SIGNAL GND					
H	L	COMPOSITE IMAGE SIGNAL					
48	×	INVERTER VCC					
49 B	BR	INVERTER GND					
20 N	W	ΛÞ					
51	Υ	COMM (CONT->DISP)					
52 8	SB	SHIELD					

MIR

Κ

 \mathbb{N}

Ν

0

JRJWC5601GB

[WITH ADP]

SYMPTOM DIAGNOSIS

DOOR MIRROR DOES NOT OPERATE

Diagnosis Procedure

INFOID:0000000010577292

1. CHECK AUTOMATIC DRIVE POSITIONER SYSTEM

Check door mirror operation with automatic drive positioner system.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Check automatic drive positioner system operation. Refer to <u>ADP-13, "AUTOMATIC DRIVE POSITIONER SYSTEM</u>: System Diagram".

$2.\mathsf{CHECK}$ DOOR MIRROR REMOTE CONTROL SWITCH (MIRROR SWITCH)

Check mirror switch.

Refer to MIR-11, "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-13, "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-47, "Intermittent Incident".

NO >> GO TO 1.

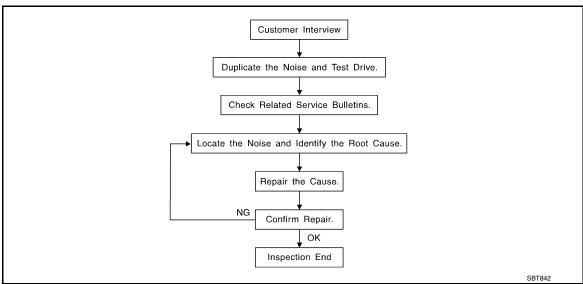
REVERSE INTERLOCK DOOR MIRROR DOES NOT OPERATE [WITH ADP] < SYMPTOM DIAGNOSIS > REVERSE INTERLOCK DOOR MIRROR DOES NOT OPERATE Α Diagnosis Procedure INFOID:0000000010577293 1. CHECK DOOR MIRROR (MANUAL FUNCTION) В Check door mirror function with door mirror remote control switch. Is the inspection result normal? C YES >> GO TO 2. NO >> Repair or replace the malfunctioning parts. 2. CHECK DTC D Check DTC for TCM. Refer to TM-64, "CONSULT Function (TRANSMISSION)". Is the inspection result normal? Е YES >> GO TO 3. NO >> Repair or replace the malfunctioning parts. 3. CONFIRM THE OPERATION F Confirm the operation again. Is the result normal? YES >> Check intermittent incident. Refer to GI-47, "Intermittent Incident". NO >> GO TO 1. Н K MIR M Ν

0

[WITH ADP]

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow



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-68, "Diagnostic Worksheet". This information is necessary to duplicate the conditions that exist when the noise occurs.

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

DUPLICATE THE NOISE AND TEST DRIVE

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

[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 is are suspected to be the cause of the noise. Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken or lost during the repair, resulting in the creation of new noise.
- Tapping or pushing/pulling the component that is are suspected to be the cause of the noise. Do not tap or push/pull the component with excessive force, otherwise the noise will be eliminated only tem-
- Feeling for a vibration by hand by touching the component(s) that is are suspected to be the cause of the noise.
- Placing a piece of paper between components that are suspected to be the cause of the noise.
- · Looking for loose components and contact marks. Refer to MIR-66, "Inspection Procedure".

REPAIR THE CAUSE

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

CAUTION:

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

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

The following materials are contained in the Nissan Squeak and Rattle Kit (J-50397) are listed on the inside cover of the kit; and can each be ordered separately as needed...

URETHANE PADS [1.5 mm (0.059 in) thick]

Insulates connectors, harness, etc.

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

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

INSULATOR (Foam blocks)

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

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

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

INSULATOR (Light foam block)

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

FELT CLOTHTAPE

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

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

MIR

K

Α

В

D

Е

N

Р

The following materials, not found in the kit, can also be used to repair squeaks and rattles. **UHMW (TEFLON) TAPE**

< SYMPTOM DIAGNOSIS >

[WITH ADP]

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

SILICONE GREASE

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

SILICONE SPRAY

Used when grease cannot be applied.

DUCT TAPE

Used to eliminate movement.

CONFIRM THE REPAIR

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

Inspection Procedure

INFOID:0000000010577295

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

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

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

CAUTION:

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

CENTER CONSOLE

Components to pay attention to include:

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

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

DOORS

Pay attention to the following:

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

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

TRUNK

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

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

< SYMPTOM DIAGNOSIS >

[WITH ADP]

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

SUNROOF/HEADLINING

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

- Sunroof lid, rail, linkage or seals making a rattle or light knocking noise
- Sunvisor shaft shaking in the holder
- 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.

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

- 1. Headrest rods and holder
- A squeak between the seat pad cushion and frame
- 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:

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

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

Α

В

D

Е

F

Н

MIR

N

[WITH ADP]

Diagnostic Worksheet

INFOID:0000000010577296



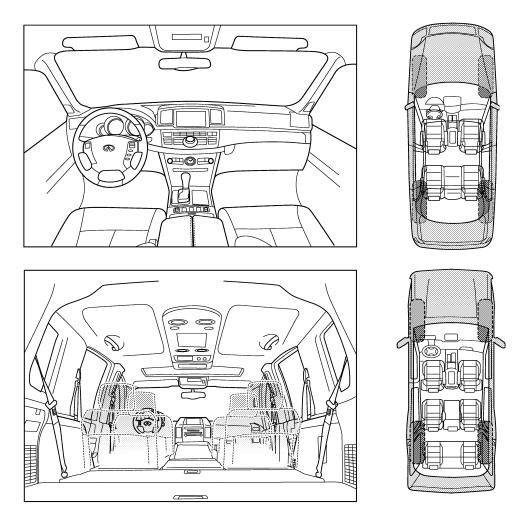
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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.

[WITH ADP]

II. WHEN DOES IT OCCUR? (please check the boxes that apply) anytime	es on a clean floor) n old wooden floor) oy rattle) e door) hand)	
1st time in the morning	es on a clean floor) n old wooden floor) oy rattle) e door) hand)	
only when it is cold outside	es on a clean floor) n old wooden floor) oy rattle) e door) hand)	
only when it is hot outside	es on a clean floor) n old wooden floor) by rattle) e door) hand)	
through driveways squeak (like tennis shoes on a clean floor) over rough roads creak (like walking on an old wooden floor) over speed bumps rattle (like shaking a baby rattle) only aboutmph knock (like a knock at the door) on acceleration tick (like a clock second hand) on turns: left, right or either (circle) buzz (like a bumble bee) with passengers or cargo other: after drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO	es on a clean floor) n old wooden floor) by rattle) e door) hand)	
through driveways squeak (like tennis shoes on a clean floor) over rough roads creak (like walking on an old wooden floor) over speed bumps rattle (like shaking a baby rattle) only about mph knock (like a knock at the door) on acceleration tick (like a clock second hand) coming to a stop thump (heavy, muffled knock noise) on turns: left, right or either (circle) buzz (like a bumble bee) with passengers or cargo other: after driving miles or minutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person performing Vehicle test driven with customer	es on a clean floor) n old wooden floor) by rattle) e door) hand)	
over rough roads	n old wooden floor) by rattle) e door) hand)	
over speed bumps	oy rattle) e door) hand)	
only about mph	e door) hand)	
□ on acceleration □ tick (like a clock second hand) □ coming to a stop □ thump (heavy, muffled knock noise) □ on turns: left, right or either (circle) □ buzz (like a bumble bee) □ with passengers or cargo □ other: □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	hand)	
□ coming to a stop □ thump (heavy, muffled knock noise) □ on turns: left, right or either (circle) □ buzz (like a bumble bee) □ with passengers or cargo □ other: □ after driving _ miles or minutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person performing Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm repair □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	•	
□ on turns: left, right or either (circle) □ buzz (like a bumble bee) □ with passengers or cargo □ other: □ after driving □ miles or □ minutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person performing Vehicle test driven with customer □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		
with passengers or cargo other: after driving miles or minutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person performing Notes Notes	•	
after driving miles or minutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person performing Vehicle test driven with customer	,	
TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person performing Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm repair Customer Name:		
Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm repair Customer Name:		
Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm repair Customer Name:		
Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm repair Customer Name:		
Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm repair Customer Name:		
Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm repair Customer Name:		
- Noise verified on test drive	performing	Λ
- Noise source located and repaired		
- Follow up test drive performed to confirm repair Customer Name:		
VIN: Customer Name:		
	PIIB8742E	
This form must be attached to Work Order		performing

< PRECAUTION > [WITH ADP]

PRECAUTION

PRECAUTIONS

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

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

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, 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:

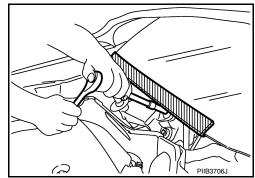
Always observe the following items for preventing accidental activation.

- 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.

Precaution for Procedure without Cowl Top Cover

INFOID:000000010783838

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc to prevent damage to windshield.



PRECAUTIONS

< PRECAUTION > [WITH ADP]

Precautions for Removing Battery Terminal

INFOID:0000000010784285

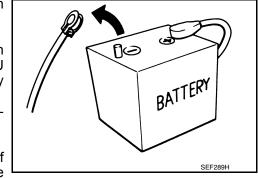
 When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

NOTE:

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

For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.
 NOTE:

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



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

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

Ε

D

Α

В

F

Н

Κ

MIR

M

Ν

0

< PREPARATION > [WITH ADP]

PREPARATION

PREPARATION

Commercial Service Tools

INFOID:0000000010577299

	Tool name	Description
Remover tool	JMKIA3050ZZ	Removes clips, pawls and metal clips

INFOID:0000000010577300

Α

В

D

Е

Н

K

MIR

Ν

0

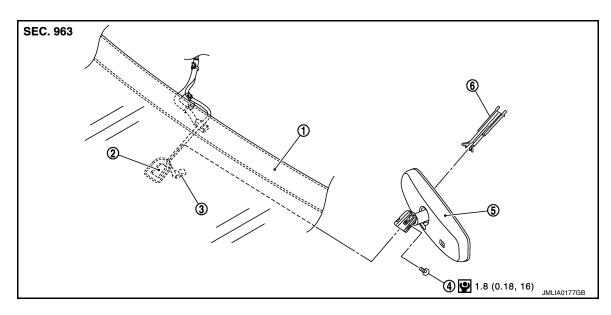
Р

REMOVAL AND INSTALLATION

INSIDE MIRROR

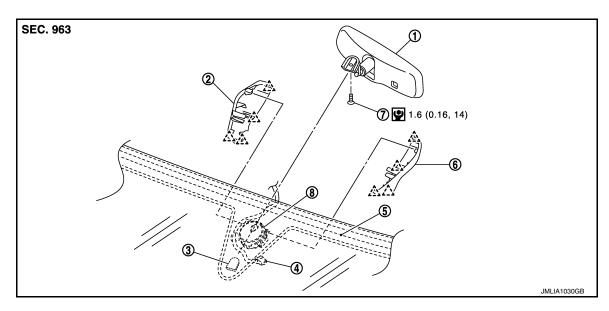
Exploded View

Base model



- 1. Windshield glass
- TORX bolt
- : N·m (kg·m, in-lb)
- 2. Inside mirror base
- Inside mirror assembly
- 3. Harness connector
- 6. Inside mirror cover

Option model



- Inside mirror assembly
- Harness connector
- TORX bolt
- ےٰ : Pawl
- : N·m (kg·m, in-lb)
- Rain sensor cover RH
- Windshield glass
- Rain sensor

- Rain sensor cover LH

Inside mirror base

INSIDE MIRROR

< REMOVAL AND INSTALLATION >

[WITH ADP]

Removal and Installation

NFOID:000000001057730

REMOVAL

Base model

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

Option model

- 1. Remove the rain sensor cover (LH and RH).
- 2. Disconnect harness connector from inside mirror.
- 3. Remove TORX bolt and slide inside mirror upward to remove.

INSTALLATION

Install in the reverse order of removal.

INFOID:0000000010577302

Α

В

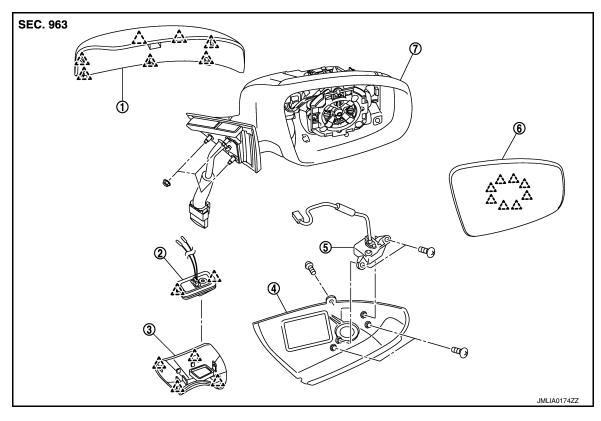
D

Е

Н

DOOR MIRROR

Exploded View



- Door mirror cover
- Side camera finisher assembly (with 5. side camera model)
- Mirror assembly 7.
- : Pawl

- Puddle lamp
 - Side camera assembly (with side camera model)
- 3. Base cover
- 6. Glass mirror

DOOR MIRROR ASSEMBLY

DOOR MIRROR ASSEMBLY: Removal and Installation

REMOVAL

- 1. Remove front door finisher. Refer to INT-12, "Removal and Installation".
- Remove front door sash inner cover. Refer to <u>GW-19</u>, "<u>Exploded View</u>".
- Disconnect door mirror harness connector.
- 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-247, "CALIBRATING CAMERA IMAGE (AROUND VIEW MONITOR): Description".

DOOR MIRROR ASSEMBLY: Disassembly and Assembly

DISASSEMBLY

Remove door mirror assembly. Refer to MIR-75, "DOOR MIRROR ASSEMBLY: Removal and Installation".

MIR

K

M

Ν

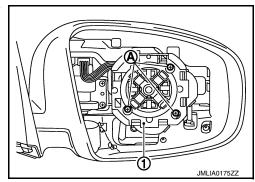
0

INFOID:0000000010577304

INFOID:0000000010577303

< REMOVAL AND INSTALLATION >

- Remove glass mirror. Refer to MIR-76, "GLASS MIRROR: Removal and Installation".
- 3. Remove door mirror cover. Refer to MIR-76, "DOOR MIRROR COVER: Removal and Installation".
- 4. Remove screws (A) and connector, and then remove actuator (1).



- 5. Remove side camera.
 - Side camera LH: Refer to <u>AV-370</u>, "<u>Removal and Installation</u>".
 - · Side camera RH: Refer to AV-372, "Removal and Installation".
- 6. Remove base cover and puddle lamp.

ASSEMBLY

Assemble in the reverse order of disassembly.

GLASS MIRROR

GLASS MIRROR: Removal and Installation

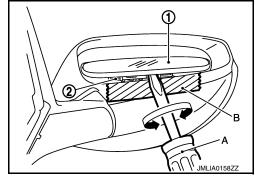
INFOID:0000000010577305

DISASSEMBLY

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

NOTE:

Insert a remover tool 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 to disassemble glass mirror from actuator.

NOTE:

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

ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

After installation, visually check that pawls are securely engaged.

DOOR MIRROR COVER

DOOR MIRROR COVER: Removal and Installation

INFOID:0000000010577306

CAUTION:

Never damage the mirror bodies.

DISASSEMBLY

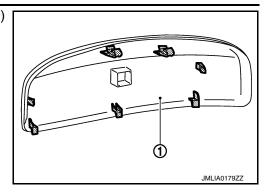
1. Remove the glass mirror. Refer to MIR-76, "GLASS MIRROR: Removal and Installation".

DOOR MIRROR

< REMOVAL AND INSTALLATION >

[WITH ADP]

2. Remove the pawls, and disassemble the door mirror cover (1) from the mirror assembly.



ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

After installation, visually check that pawls are securely engaged.

Е

 D

Α

В

С

F

G

Н

J

Κ

MIR

M

Ν

0

DOOR MIRROR REMOTE CONTROL SWITCH

< REMOVAL AND INSTALLATION >

[WITH ADP]

DOOR MIRROR REMOTE CONTROL SWITCH

Exploded View

Refer to INT-15, "Exploded View".

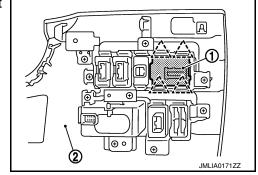
Removal and Installation

INFOID:0000000010577308

REMOVAL

- 1. Remove the instrument lower panel LH. Refer to INT-12, "Exploded View".
- 2. Remove door mirror remote control switch (1) from instrument lower panel LH (2) a using remover tool.





INSTALLATION

Install in the reverse order of removal.

DOOR MIRROR SYSTEM

< SYSTEM DESCRIPTION >

[WITHOUT ADP]

INFOID:0000000010577309

SYSTEM DESCRIPTION

DOOR MIRROR SYSTEM

Component Description

Comp	onent	Function
	Mirror switch	It supplies power to mirror motor through mirror switch and changeover switch.
Door mirror remote control switch	Changeover switch	It transmits the LH/RH control of door mirror that supplies power.
	Open/close switch	Power is supplied to folding mirror from door remote control switch when operating switch.
Description	Door mirror motor	It makes mirror face operate from side to side and up and down via integrated motor.
Door mirror	Folding motor	The door mirror operates because power is received from power supply when pressing door mirror remote control switch

G

Α

В

С

 D

Е

Н

Κ

MIR

M

Ν

0

INSIDE MIRROR SYSTEM

< SYSTEM DESCRIPTION >

[WITHOUT ADP]

INSIDE MIRROR SYSTEM

System Description

INFOID:0000000010577310

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:0000000010577311

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.

AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

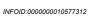
< DTC/CIRCUIT DIAGNOSIS >

[WITHOUT ADP]

DTC/CIRCUIT DIAGNOSIS

AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

Wiring Diagram - INSIDE MIRROR SYSTEM -



D

Α

В

С

F

Е

G

Н

K

J

MIR

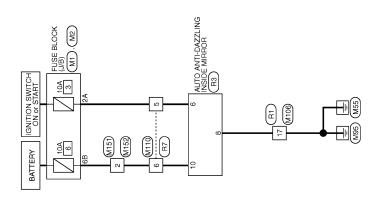
M

Ν

0

Р

JRLWC3821GB



INSIDE MIRROR

INSIDE MIRROR			
Connector No. M1	Connector No. M106	5 W	Connector No. R1
Connector Name FUSE BLOCK (J/B)	Connector Name WIRE TO WIRE	6 GR .	Connector Name WIRE TO WIRE
Connector Type NS06FW-M2	Connector Type NH10MW-CS10	П	Connector Type NH10FW-CS10
		9 SHELD -	
vi	1 2 3 4 5 6	Н	6 5 4 3 2 1
8A 7A 6A	10 11 12	10 K	20 19 13 12
	14 15 16 17 18	Connector No. M151	18 17 16 15 14
a	lar D	و ا	la la
	No. Wire	Connector Tyre M03EW-LC	No. Wire
ZA G	2 BR	1	2 BR .
1			
4A R	4 SHIELD -		4 SHIELD .
4	+	2	+
- × ×	BR	2 2	7
7A R	+	76	+
8A L	9 ;		10 6
		Torminal Color Of	
Connector No. M2	+	No. Wire Signal Name [Specification]	╁
Γ,	14 L	1 W	14 L
CONTRECTOR INSTITUTE TO SEE DECOUN (3/D)	15 R -	2 Y .	15 R .
Connector Type NS10FW-CS	\dashv	З .	\dashv
d)	+		+
	20 BG .	- 1	20 Y .
4838 18		Connector No. M152	
_	Connector No. M110	Connector Name WIRE TO WIRE	Connector No. R3
	e	Connector Type M03MW-LC	9
			Connector Tvoe TH10FB-NH
lal	1		1
Wire		ė.	
4		6 6	
38 P	1 2 3 4 5 6 7 8	[F]	
2	0 10 11 12 13 14 15 16		8
		nal Color Of	ᅦ
		No. Wire Signal Name [Specification]	
ez	D lat	W	la
9B BR -	No. Wire	3 S	No. Wire
	2 P		éω
	Н		H

JRLWD5994GB

AUTO ANTI-DAZZLING INSIDE MIRROR SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

[WITHOUT ADP]

В

Α

D

Е

F

G

Н

1

J

Κ

MIR

M

Ν

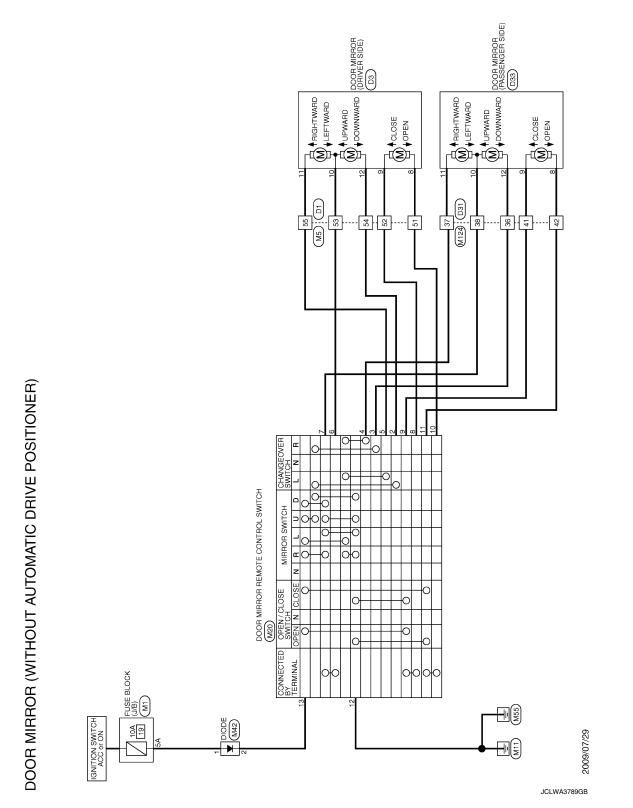
JRLWD5995GB

RROR	WIRE TO WIRE	TH16FW-NH	8 7 6 5 4 3 2 1 16 15 14 13 12 11 10 9	Signal Name [Specification]	-		-			-		=		=		
≅Г	g	П		Color Of Wire	٦	а	В	BR	GR	SB	>	SHIELD	ч	9	ď	, ,
INSIDE	Connector Name	Connector Type	H.S.	Terminal Color Of No. Wire	+	2	4	5	9	7	8	6	10	11	15	

INFOID:0000000010577313

MIRROR SYSTEM

Wiring Diagram - MIRROR SYSTEM -



Α

В

С

 D

Е

F

G

Н

December Nice 104		i			ľ		
Connector No.		+	O BK	Connector No.	Vo. D31	49 SHIELD	
Connector Name WIRE TO WIRE		+		Connector Name	Vame WIRE TO WIRE		
Connector Type TH40FW-CS15	Ī	47		Connector Type	Type TH40FW-CS15	Connector No.	D33
4]	Н		ć	1	Connector Name	DOOD MIDDON (BASSENIGED SIDE)
				厚		DA LOSSO	
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	3 2 1	\dashv		Ę	15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	Connector Type	TH24MW-NH
Policy for first for first for first		\dashv		2		þ	
2 12 12 12 12 12 12 12 12 12 12 12 12 12	10 20 20 20 20 20 20 20 20 20 20 20 20 20	\dashv			20 20 20 20 20 20 20 20 20 20 20 20 20 2	厚	
3	Ta balla bo					Ę	
		_				Ś	12 14 14 14 14 14 14 14 14 14 14 14 14 14
	<u> </u>	H					7 7 7
	, [1		Terminal			24 23 22 24 14 14 14 14 14 14
No Mina Signal Name [Specification]	_			No	Signal Name [Specification]		2. 2. 2. 2.
	T			1			
- 8		Connector No.	D3	3			
3 6		Connector Name	Was delyied and an and an	4		Terminal Color Of	Of Signal Name [Specification]
6 GR		No. in least of the		2	. ·	No.	
- M _ Z		Connector Type	TH24MW-NH	9		۷ /	
85				_		ł	
+	Ī	4				t	
S C C C C C C C C C C C C C C C C C C C	Ī	车		0	r	4	
┪		Ę		6	. 97	9	
_	_	ē	121111008785	13		_	
_)	14		_	
> >			74 23 22 21 19 18 17 14	45		a	
+	Ī			2 5		$^{+}$	
4				61		+	
_				20	T	-	
20 v	_	Terminal Col	Color Of	52		11 GR	
- \		Š	Wire Signal Name [Specification]	23		12	
+	I	t		Т		ł	
+		7	Y	Т	HELD	+	•
_		m		52		16 G	
Н		5		96		17 SHIFLD	
+		t		č		Т	
+		۰		2		0	
		7	. ·	32		19 B	
L		œ		33	88	_	
+		t		;		t	
- A A	1	D)		34		77 PK	
_				32	GR .	_	
-				36		24	
CG CC		╀		ł		$\left\{ \right.$	
+	1	П		+			
_				38	. 9		
85 1%		17 SH	- CIERS	68			
╀		ı		ç			
4		+		40			
36 R		19		41			
_				42			
		ł		ç			
4	1	+	,	2			
		23		44			
		╀		45			
	_	4		5			
				46	Α.		
П			1	2 !			
42 G -				47			
_				48			
4				448			

MIR

Κ

M

Ν

0

JRLWD5991GB

DOOR MIRROR (WIT	ROR (WITHOUT AUTON	MATIC	DRI	THOUT AUTOMATIC DRIVE POSITIONER)					
Connector No. M1		20	BG	, - I	Connector No.	M20	Connector No.	No. M124	24
Connector Name FUSE BLOCK (J/B)	JSE BLOCK (J/B)	21	S >		Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH	Connector Name	Name WIR	WIRE TO WIRE
Connector Type NS	NS06FW-M2	23 23	> >		Connector Type	TK16FW	Connector Type	Т	TH40MW-CS15
4		54	۵		4		(
IF		56	SB		F		厚		
S	3A2A1A	27	> 9		S	234 567		-	2 3 4 5 6 7 8 9 10 11 12 13 14 15
		RN I	2			ŀ			90,90,90,90,90
	8A 7A 6A 5A 4A	52	מצ			8 9 10 11 12 13 15 16		[8]	या यह यह यह आ अप वह कर कि कि कि कि कि कि कि कि कि
]	8 8	- 2					ل	
		- c	2 0						
Terminal Color Of		32 25	5 -		Terminal Color Of	L	Terminal Color O	Color Of	
No. Wire	Signal Name [Specification]	8 8	1 22		No. Wire	Signal Name [Specification]	ė.	Wire	Signal Name [Specification]
1A BG		32	m		2 LG		m	>	
-		36	ď		3 BG		4	Pl	
3A L		37	9		4 GR		2	SB	
4A R		38	SHIELD		2 2		9	BR	
2A V		38	۸		× 9		7	9	
. Y ∀9		40	В		2 Z		8	^	
7A R		41	SHIELD	DT	8		6	Pl	
8A L	•	42	g	•	6		13	В	
		43	ď		10 SB		14	BG	
		44	9		11 LG		15	W	
Connector No. M5	2	45	>		12 B		19	G	
Connector Name	adiwi OI adiwi	46	GR		Н		20	re	
o o o o o o o o o o o o o o o o o o o		47	≯		Н		22	W	-
Connector Type TH40MW-CS15	440MW-CS15	48	٦		16 W		П	В	
ą		46	ď				T	SHIELD	-
		20	BG				22	ŋ	
ľ	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	21	SB		Connector No.	M42	56	œ	-
2		52	œ		Connector Name DIODE	DIODE	31	BG	
=	27 29 20 21 24 22 24 25 25 20 21 30 30 34 34 4 1 44 43 44 43 44 43 44 34 4	23	>				32	>	
		24	PC		Connector Type	ET02-2W	33	PC	
IJ		22	_		ą		34	SB	
					手		32	> ;	
Terminal Color Of	Signal Name [Specification]				SI	6	98	9 g	
Ť							۶۵	+	
+							၇ ခ	+	- [without automatic drive positioner]
+	,					-]	88	x	- [With automatic drive positioner]
+							33	8	
+							40	œ	
დ 8					ē	Of Signal Name [Specification]	41	Ь	
\dashv					No. Wire		42	re	
+							43	_	
4					2 G		44	>	
12 V	-						45	œ	-
4							46	*	
14 P							47	>	
15 L L							48	HH.	

JRLWD5992GB

Α

В

С

 D

Е

F

G

Н

DOOR MIRROR (WITHOUT AUTOMATIC DRIVE POSITIONER)

MIR

Κ

M

Ν

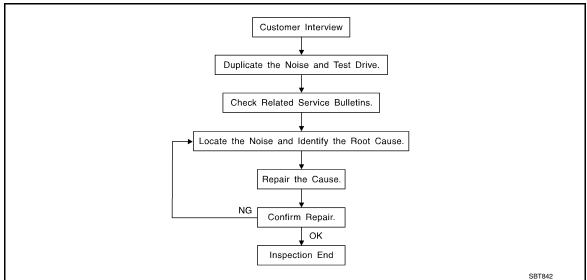
0

JRLWD5993GB

SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow INFOID:000000010577314



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-92, "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 (Like a knock on a door)
 - Knock characteristics include hollow sounding/sometimes repeating/often brought on by driver action.
- Tick (Like a clock second hand)
 Tick characteristics include gentle contacting of light materials/loose components/can be caused by driver action or road conditions.
- Thump (Heavy, muffled knock noise)
 Thump characteristics include softer knock/dead sound often brought on by activity.
- Buzz (Like a bumblebee)
 Buzz characteristics include high frequency rattle/firm contact.
- Often the degree of acceptable noise level will vary depending up on the person. A noise that a technician may judge as acceptable may be very irritating to the customer.
- Weather conditions, especially humidity and temperature, may have a great effect on noise level.

DUPLICATE THE NOISE AND TEST DRIVE

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

[WITHOUT ADP]

В

D

Е

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

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

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

CHECK RELATED SERVICE BULLETINS

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

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

LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

- 1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis ear: J-39570, Engine ear and mechanics stethoscope).
- 2. Narrow down the noise to a more specific area and identify the cause of the noise by:
- Removing the components in the area that is are suspected to be the cause of the noise.
 Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken or lost during the repair, resulting in the creation of new noise.
- Tapping or pushing/pulling the component that is are suspected to be the cause of the noise.
 Do not tap or push/pull the component with excessive force, otherwise the noise will be eliminated only temporarily.
- Feeling for a vibration by hand by touching the component(s) that is are suspected to be the cause of the noise.
- Placing a piece of paper between components that are suspected to be the cause of the noise.
- Looking for loose components and contact marks. Refer to MIR-90, "Inspection Procedure".

REPAIR THE CAUSE

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

CAUTION:

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

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

The following materials are contained in the Nissan Squeak and Rattle Kit (J-50397) are listed on the inside cover of the kit; and can each be ordered separately as needed.

URETHANE PADS [1.5 mm (0.059 in) thick]

Insulates connectors, harness, etc.

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

INSULATOR (Foam blocks)

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

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

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

INSULATOR (Light foam block)

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

FELT CLOTHTAPE

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

MIR

J

K

M

Ν

0

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

[WITHOUT ADP]

68370-4B000: 15 \times 25 mm (0.59 \times 0.98 in) pad/68239-13E00: 5 mm (0.20 in) wide tape roll The following materials, not found in the kit, can also be used to repair squeaks and rattles.

UHMW (TEFLON) TAPE

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

SILICONE GREASE

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

SILICONE SPRAY

Used when grease cannot be applied.

DUCT TAPE

Used to eliminate movement.

CONFIRM THE REPAIR

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

Inspection Procedure

VFOID:000000001057731

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
- Instrument panel to front pillar garnish
- 4. Instrument panel to windshield
- 5. Instrument panel mounting pins
- 6. Wiring harnesses behind the combination meter
- 7. A/C defroster duct and duct joint

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

CAUTION:

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

CENTER CONSOLE

Components to pay attention to include:

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

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

DOORS

Pay attention to the following:

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

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

TRUNK

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

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES [WITHOUT ADP] < SYMPTOM DIAGNOSIS > The trunk lid torsion bars knocking together Α 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. В SUNROOF/HEADLINING Noises in the sunroof/headlining area can often be traced to one of the following: Sunroof lid, rail, linkage or seals making a rattle or light knocking noise Sunvisor shaft shaking in the holder 3. Front or rear windshield touching headlining and squeaking Again, pressing on the components to stop the noise while duplicating the conditions can isolate most of these D incidents. Repairs usually consist of insulating with felt cloth tape. SEATS When isolating seat noise it's important to note the position the seats in and the load placed on the seat when the noise occurs. These conditions should be duplicated when verifying and isolating the cause of the noise. Cause of seat noise include: Headrest rods and holder F A squeak between the seat pad cushion and frame 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. Н 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 Components that pass through the engine wall 3. Engine wall mounts and connectors Loose radiator mounting pins Hood bumpers out of adjustment K 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.

MIR

M

N

[WITHOUT ADP]

Diagnostic Worksheet

INFOID:0000000010577316



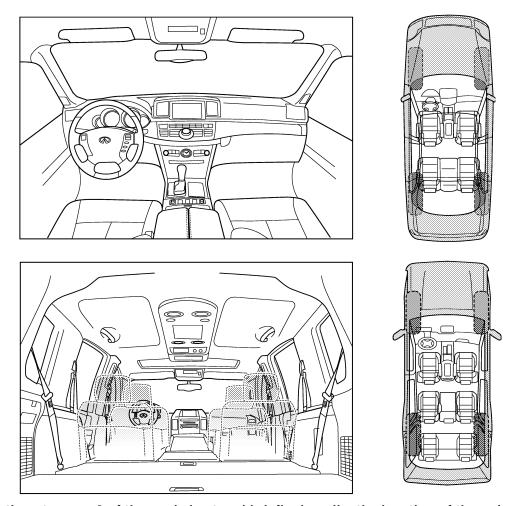
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

[WITHOUT ADP]

energy december and recamen where are	e noise occurs:	
II. WHEN DOES IT OCCUR? (please	e check the boxes that apply)	
anytime	after sitting out in the rain	
1st time in the morning	when it is raining or wet	
☐ only when it is cold outside ☐ only when it is hot outside	☐ dry or dusty conditions☐ other:	
Only when it is not outside	Guier.	
III. WHEN DRIVING:	IV. WHAT TYPE OF NOISE	
through driveways	squeak (like tennis shoes on a clean floor)	
over rough roads	creak (like walking on an old wooden floor)	
☐ over speed bumps ☐ only about mph	☐ rattle (like shaking a baby rattle)☐ knock (like a knock at the door)	
only about mpn on acceleration	tick (like a clock second hand)	
coming to a stop	thump (heavy, muffled knock noise)	
on turns: left, right or either (circle)	<u> </u>	
with passengers or cargo		
other:	<u> </u>	
□ ofter driving miles or	minutes	
after driving miles or	minutes	
<u> </u>		
TO BE COMPLETED BY DEALERSI		
TO BE COMPLETED BY DEALERSI		
TO BE COMPLETED BY DEALERSI		
TO BE COMPLETED BY DEALERSI Test Drive Notes:	HIP PERSONNEL YES NO Initials of person	
TO BE COMPLETED BY DEALERSI Test Drive Notes:	HIP PERSONNEL YES NO Initials of person	
TO BE COMPLETED BY DEALERSI Test Drive Notes: Vehicle test driven with customer	YES NO Initials of person performing	
TO BE COMPLETED BY DEALERSI Test Drive Notes: Vehicle test driven with customer - Noise verified on test drive	YES NO Initials of person performing	
TO BE COMPLETED BY DEALERSI Test Drive Notes: Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to co	YES NO Initials of person performing Onfirm repair	
TO BE COMPLETED BY DEALERSI Test Drive Notes: Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired	YES NO Initials of person performing Onfirm repair Customer Name:	
To BE COMPLETED BY DEALERSI Test Drive Notes: Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to co VIN:	YES NO Initials of person performing	
Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to co	YES NO Initials of person performing Under the person performing Customer Name: Date:	

< PRECAUTION > [WITHOUT ADP]

PRECAUTION

PRECAUTIONS

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

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

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, 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:

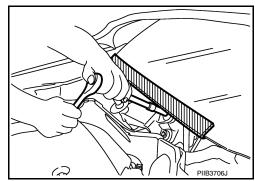
Always observe the following items for preventing accidental activation.

- 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.

Precaution for Procedure without Cowl Top Cover

INFOID:0000000010784284

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc to prevent damage to windshield.



PRECAUTIONS

< PRECAUTION > [WITHOUT ADP]

Precautions for Removing Battery Terminal

INFOID:0000000010784287

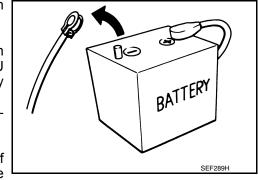
 When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

NOTE:

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

For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.
 NOTE:

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



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

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

Е

D

Α

В

F

G

Н

J

Κ

MIR

M

Ν

0

< PREPARATION > [WITHOUT ADP]

PREPARATION

PREPARATION

Commercial Service Tools

INFOID:0000000010577319

	Tool name	Description
Remover tool	JMKIA3050ZZ	Removes clips, pawls and metal clips

INFOID:0000000010577320

Α

В

D

Е

Н

K

MIR

Ν

0

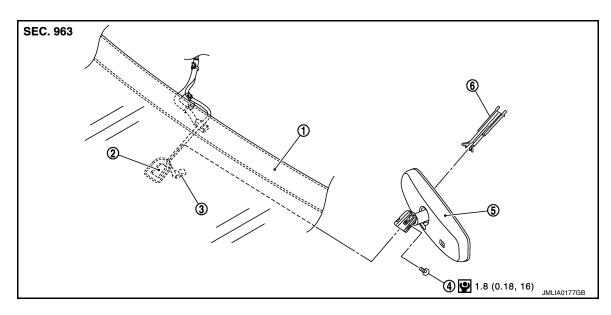
Р

REMOVAL AND INSTALLATION

INSIDE MIRROR

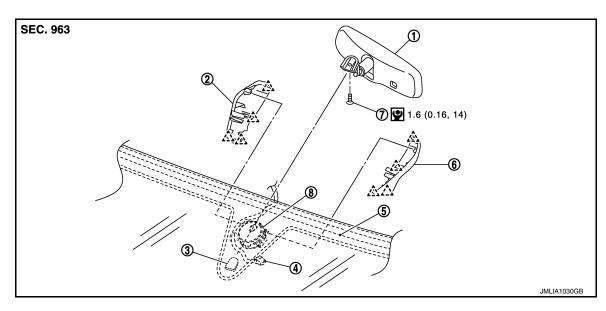
Exploded View

Base model



- 1. Windshield glass
- TORX bolt
- : N·m (kg·m, in-lb)
- 2. Inside mirror base
- Inside mirror assembly
- 3. Harness connector
- 6. Inside mirror cover

Option model



- Inside mirror assembly
- Harness connector
- TORX bolt
- ےٰ : Pawl
- : N·m (kg·m, in-lb)
- Rain sensor cover RH
- Windshield glass
- Rain sensor

- Inside mirror base
- Rain sensor cover LH

INSIDE MIRROR

< REMOVAL AND INSTALLATION >

[WITHOUT ADP]

Removal and Installation

INFOID:0000000010577321

REMOVAL

Base model

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

Option model

- 1. Remove the rain sensor cover (LH and RH).
- 2. Disconnect harness connector from inside mirror.
- 3. Remove TORX bolt and slide inside mirror upward to remove.

INSTALLATION

Install in the reverse order of removal.

INFOID:0000000010577322

Α

В

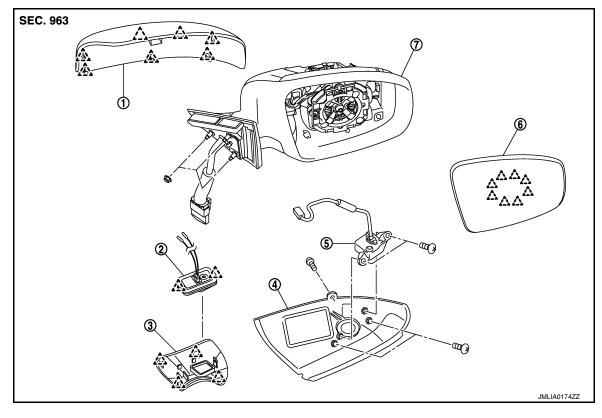
D

Е

Н

DOOR MIRROR

Exploded View



- Door mirror cover
- Side camera finisher assembly (with 5. side camera model)
- Mirror assembly 7.
- : Pawl

- Puddle lamp
 - Side camera assembly (with side camera model)
- 3. Base cover
- 6. Glass mirror

DOOR MIRROR ASSEMBLY

DOOR MIRROR ASSEMBLY: Removal and Installation

REMOVAL

- 1. Remove front door finisher. Refer to INT-12, "Removal and Installation". Remove front door sash inner cover. Refer to <u>GW-19</u>, "<u>Exploded View</u>".
- Disconnect door mirror harness connector.
- 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-247, "CALIBRATING CAMERA IMAGE (AROUND VIEW MONITOR): Description".

DOOR MIRROR ASSEMBLY: Disassembly and Assembly

DISASSEMBLY

Remove door mirror assembly. Refer to MIR-99, "DOOR MIRROR ASSEMBLY: Removal and Installation".

MIR

K

INFOID:0000000010577323

M

Ν

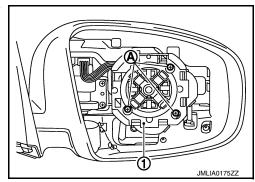
0

2015 QX70

INFOID:0000000010577324

< REMOVAL AND INSTALLATION >

- Remove glass mirror. Refer to MIR-100, "GLASS MIRROR: Removal and Installation".
- 3. Remove door mirror cover. Refer to MIR-100, "DOOR MIRROR COVER: Removal and Installation".
- 4. Remove screws (A) and connector, and then remove actuator (1).



- 5. Remove side camera.
 - Side camera LH: Refer to <u>AV-370, "Removal and Installation"</u>.
 - · Side camera RH: Refer to AV-372, "Removal and Installation".
- 6. Remove base cover and puddle lamp.

ASSEMBLY

Assemble in the reverse order of disassembly.

GLASS MIRROR

GLASS MIRROR: Removal and Installation

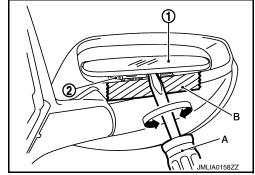
INFOID:0000000010577325

DISASSEMBLY

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

NOTE:

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



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

NOTE:

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

ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

After installation, visually check that pawls are securely engaged.

DOOR MIRROR COVER

DOOR MIRROR COVER: Removal and Installation

INFOID:0000000010577326

CAUTION:

Never damage the mirror bodies.

DISASSEMBLY

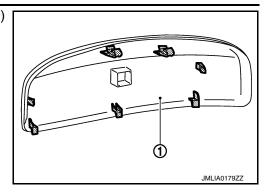
1. Remove the glass mirror. Refer to MIR-100, "GLASS MIRROR: Removal and Installation".

DOOR MIRROR

< REMOVAL AND INSTALLATION >

[WITHOUT ADP]

2. Remove the pawls, and disassemble the door mirror cover (1) from the mirror assembly.



ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

After installation, visually check that pawls are securely engaged.

F

Е

Α

В

С

 D

G

Н

I

J

K

MIR

M

Ν

0

DOOR MIRROR REMOTE CONTROL SWITCH

< REMOVAL AND INSTALLATION >

[WITHOUT ADP]

DOOR MIRROR REMOTE CONTROL SWITCH

Exploded View

Refer to INT-15, "Exploded View".

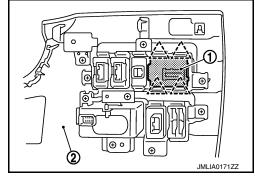
Removal and Installation

INFOID:0000000010577328

REMOVAL

- Remove the instrument lower panel LH. Refer to <u>INT-12, "Exploded View"</u>.
- 2. Remove door mirror remote control switch (1) from instrument lower panel LH (2) a using remover tool.





INSTALLATION

Install in the reverse order of removal.