

SECTION **MIR**
MIRRORS

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DOOR MIRROR SYSTEM

< FUNCTION DIAGNOSIS >

FUNCTION DIAGNOSIS

DOOR MIRROR SYSTEM

System Description

INFOID:000000001365561

It is possible to open/close and adjust the mirror by operating on the door mirror remote control switch.

Component Description

INFOID:000000001315046

Component	Function
Door mirror remote control switch (mirror switch · change over switch)	It supplies power to mirror motor by operating mirror switch and change over switch.
Door mirror remote control switch (open/close switch)	It supplies power to folding motor by operating open/close switch.
Door mirror motor	It makes mirror face operate from side to side and up and down with the mirror control switch operation.
Folding motor	It makes mirror folding with the mirror control switch operation.

DOOR MIRROR

< COMPONENT DIAGNOSIS >

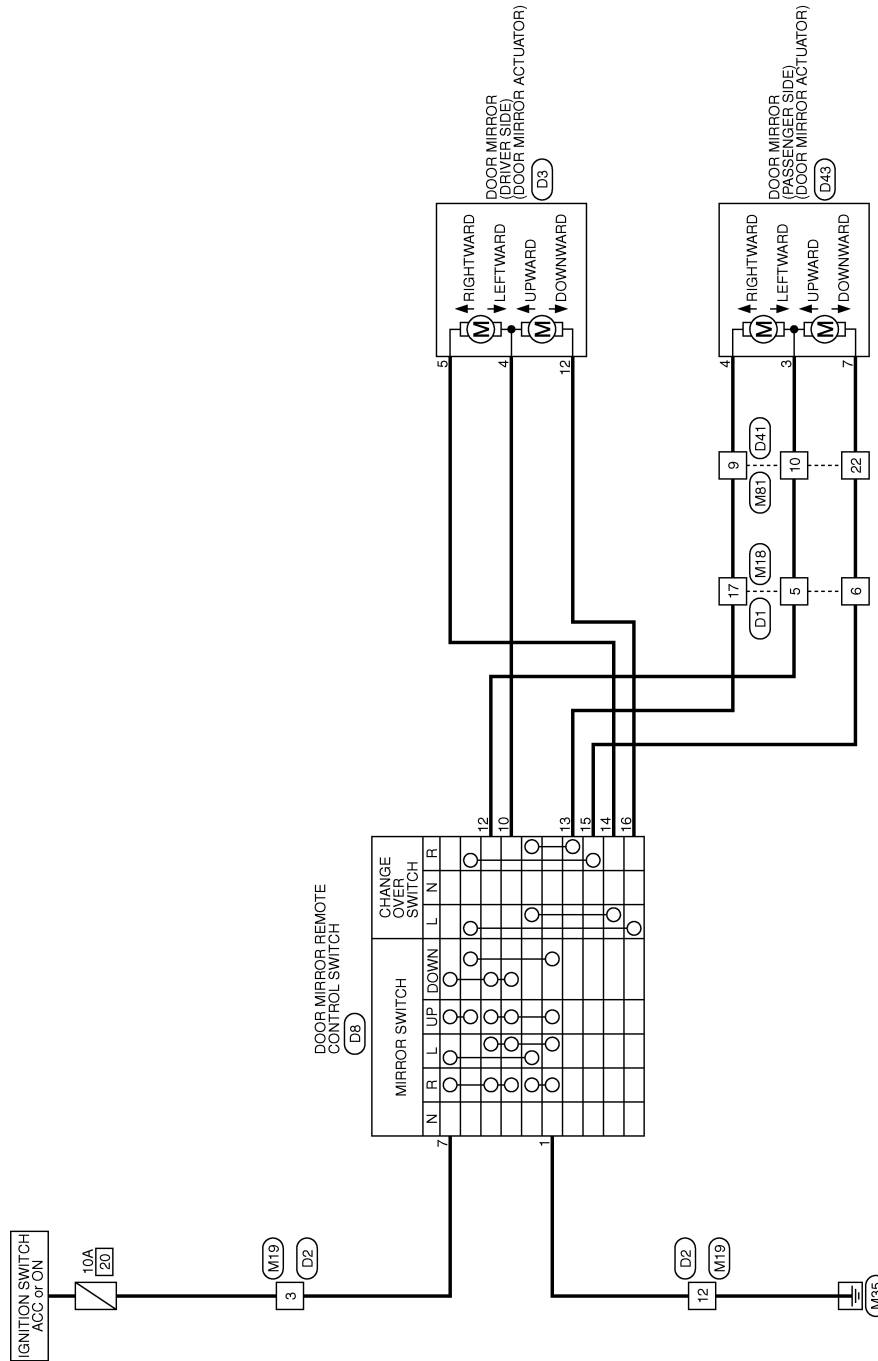
COMPONENT DIAGNOSIS

DOOR MIRROR

Wiring Diagram - DOOR MIRROR SYSTEM WITHOUT ELECTRIC FOLDABLE DOOR MIRROR (LHD MODELS) -

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DOOR MIRROR WITHOUT ELECTRIC FOLDABLE DOOR MIRROR (LHD MODELS)



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DOOR MIRROR

< COMPONENT DIAGNOSIS >

DOOR MIRROR WITHOUT ELECTRIC FOLDABLE DOOR MIRROR (LHD MODELS)

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
5	LG	-
6	V	-
17	W	-

Connector No.	D2
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
3	SB	-
12	B	-

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH18MW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
4	G	-
5	L	-
12	GR	-

Connector No.	D8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK18FW

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
7	SB	+ACC
10	G	MC LH
12	LG	MC RH
13	W	MB RH
14	L	MB LH
15	V	MA RH
16	GR	MA LH

Connector No.	D41
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
9	Y	-
10	R	-
22	V	-

Connector No.	D43
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH08MW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
4	Y	-
7	V	-

Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
5	R	-
6	V	-
17	Y	-

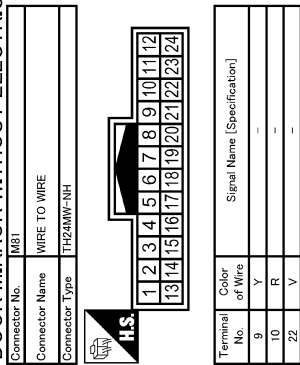
Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
3	SB	-
12	B	-

DOOR MIRROR

< COMPONENT DIAGNOSIS >

DOOR MIRROR WITHOUT ELECTRIC FOLDABLE DOOR MIRROR (LHD MODELS)



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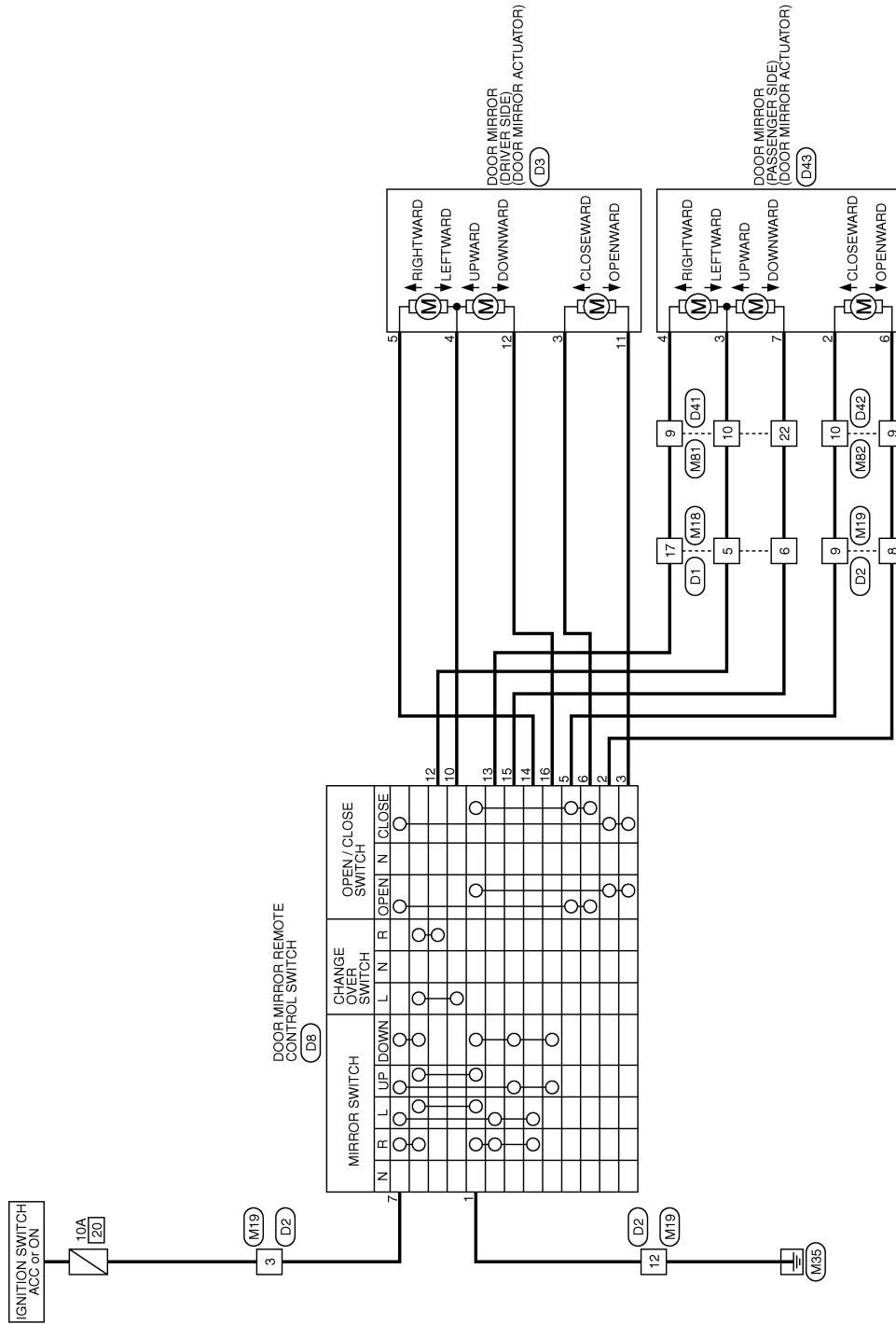
Wiring Diagram - DOOR MIRROR SYSTEM WITH ELECTRIC FOLDABLE DOOR

DOOR MIRROR

< COMPONENT DIAGNOSIS >
MIRROR (LHD MODELS) -

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DOOR MIRROR WITH ELECTRIC FOLDABLE DOOR MIRROR (LHD MODELS)



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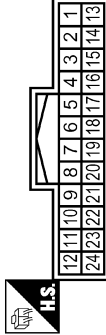
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DOOR MIRROR

< COMPONENT DIAGNOSIS >

DOOR MIRROR WITH ELECTRIC FOLDABLE DOOR MIRROR (LHD MODELS)

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Connector No.	D2
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH16MW-NH

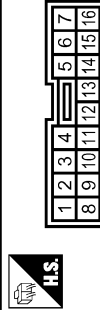


Terminal No.	Color of Wire	Signal Name [Specification]
5	LG	-
6	V	-
17	W	-

Terminal No.	Color of Wire	Signal Name [Specification]
3	SB	-
8	O	-
9	BR	-
12	B	-

Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	G	-
5	L	-
11	W	-
12	GR	-

Connector No.	D8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FW

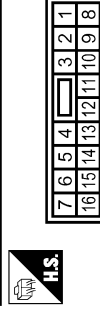


16	GR	MA LH
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Connector No.	D41
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Connector No.	D42
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	O	CL RH
3	W	CL LH
5	BR	OP RH
6	LG	OP LH
7	SB	+ACC
10	G	MC LH
12	LG	MC RH
13	W	MB RH
14	L	MB LH
15	V	MA RH

Terminal No.	Color of Wire	Signal Name [Specification]
9	Y	-
10	R	-
22	V	-

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

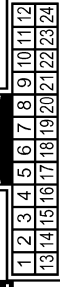
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DOOR MIRROR

< COMPONENT DIAGNOSIS >

DOOR MIRROR WITH ELECTRIC FOLDABLE DOOR MIRROR (LHD MODELS)

Connector No.	D43
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH38MW-NH



Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Connector No.	M81
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	R	-
4	Y	-
6	W	-
7	V	-

Terminal No.	Color of Wire	Signal Name [Specification]
5	R	-
6	V	-
17	Y	-

Terminal No.	Color of Wire	Signal Name [Specification]
3	SB	-
8	O	-
9	BR	-
12	B	-

Terminal No.	Color of Wire	Signal Name [Specification]
9	Y	-
10	R	-
22	V	-

Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
9	O	-
10	BR	-

Wiring Diagram - DOOR MIRROR SYSTEM WITHOUT ELECTRIC FOLDABLE

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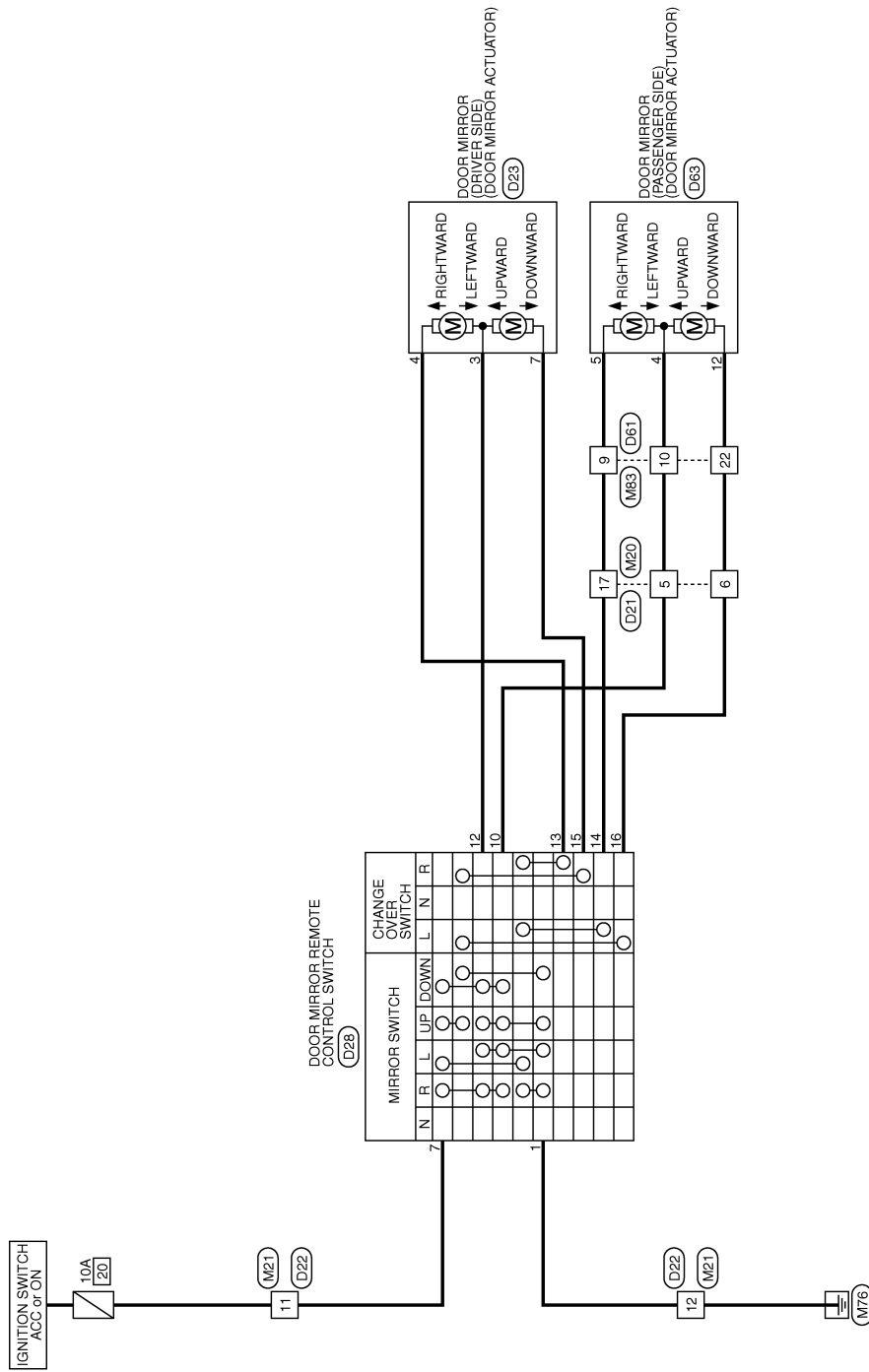
DOOR MIRROR

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DOOR MIRROR (RHD MODELS) -

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DOOR MIRROR WITHOUT ELECTRIC FOLDABLE DOOR MIRROR (RHD MODELS)



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DOOR MIRROR

< COMPONENT DIAGNOSIS >

DOOR MIRROR WITHOUT ELECTRIC FOLDABLE DOOR MIRROR (RHD MODELS)

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
5	G	-
6	GR	-
17	L	-

Connector No.	D22
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
11	W	-
12	B	-

Connector No.	D23
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH03MW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
4	Y	-
7	V	-

Connector No.	D28
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FW

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
7	W	+ACC
10	G	MC LH
12	R	MC RH
13	Y	MB RH
14	L	MB LH
15	V	MA RH
16	GR	MA LH

Connector No.	D61
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
9	L	-
10	G	-
22	GR	-

Connector No.	D83
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH16MW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
4	G	-
5	L	-
12	GR	-

Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
5	W	-
6	G	-
17	Y	-

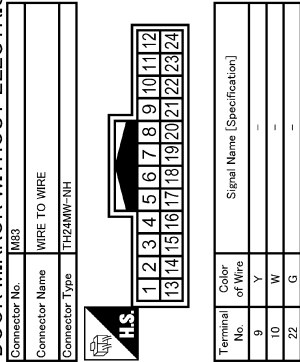
Connector No.	M21
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
11	SB	-
12	B	-

DOOR MIRROR

< COMPONENT DIAGNOSIS >

DOOR MIRROR WITHOUT ELECTRIC FOLDABLE DOOR MIRROR (RHD MODELS)



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Wiring Diagram - DOOR MIRROR SYSTEM WITH ELECTRIC FOLDABLE DOOR

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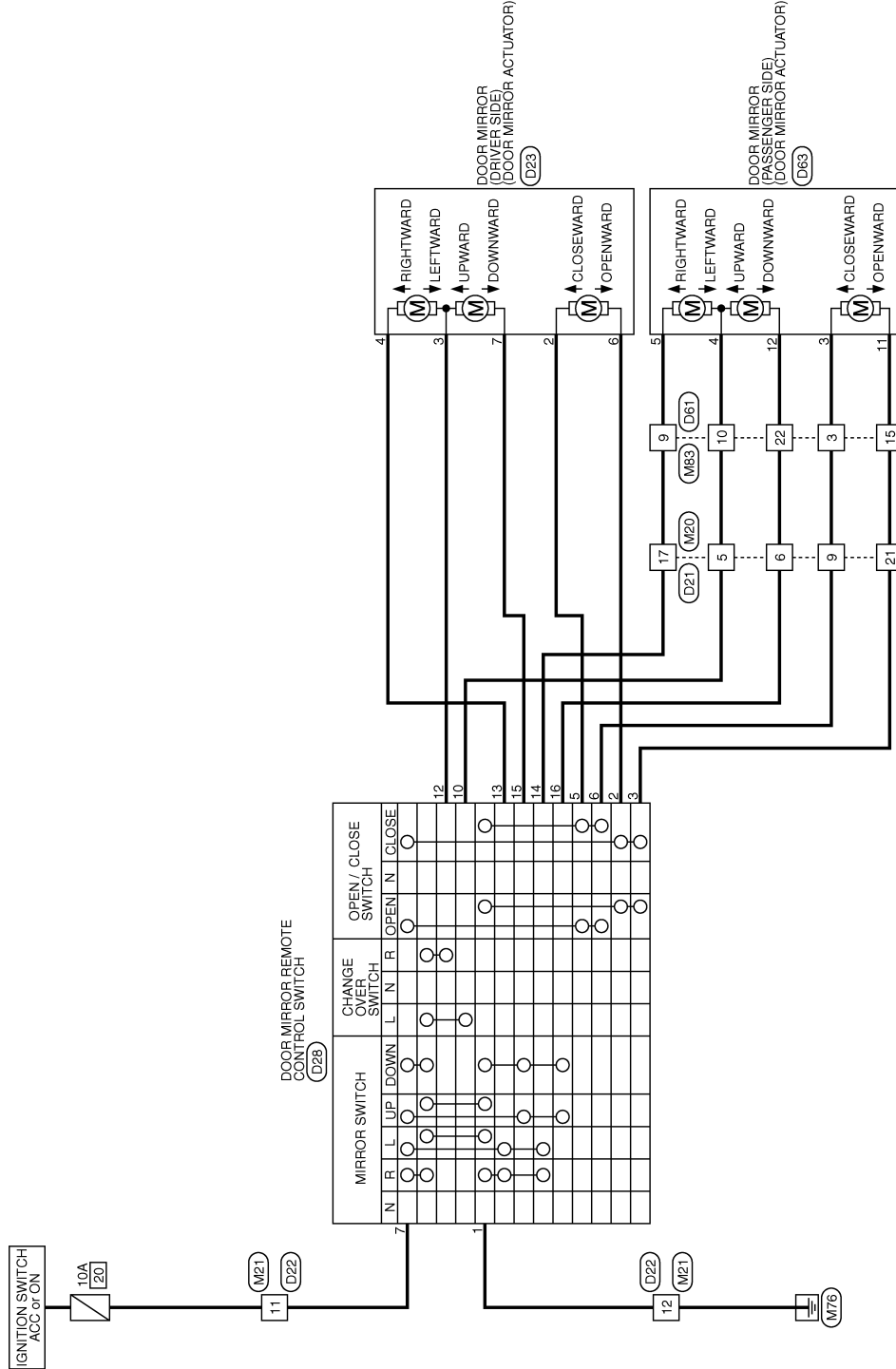
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DOOR MIRROR WITH ELECTRIC FOLDABLE DOOR MIRROR (RHD MODELS)



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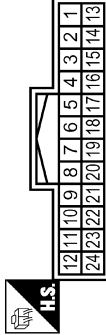
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DOOR MIRROR

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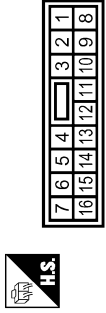
DOOR MIRROR WITH ELECTRIC FOLDABLE DOOR MIRROR (RHD MODELS)

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	GR	-
3	LG	-
4	L	-
5	W	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
21	W	-

Connector No.	D22
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



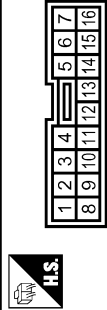
Terminal No.	Color of Wire	Signal Name [Specification]
11	W	-
12	B	-

Connector No.	D23
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH03MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	-
3	R	-
4	Y	-
6	O	-
7	V	-

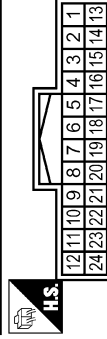
Connector No.	D28
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	O	GL RH
3	W	CL LH
5	BR	OP RH
6	LG	OP LH
7	W	+ACC
10	G	MC LH
12	R	MC RH
13	Y	MB RH
14	L	MB LH
15	V	MA RH

16	GR	MA LH
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Connector No.	D61
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
9	L	-
10	G	-
13	W	-
22	GR	-

Connector No.	D63
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH18MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	G	-
5	L	-
11	W	-
12	GR	-

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DOOR MIRROR

< COMPONENT DIAGNOSIS >

DOOR MIRROR WITH ELECTRIC FOLDABLE DOOR MIRROR (RHD MODELS)

Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

Terminal No.	Color of Wire	Signal Name [Specification]
5	W	-
6	G	-
9	SB	-
17	Y	-
21	-	-

Connector No.	M21
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	16

Terminal No.	Color of Wire	Signal Name [Specification]
11	SB	-
12	B	-

Connector No.	M83
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

Terminal No.	Color of Wire	Signal Name [Specification]
3	SB	-
9	Y	-
10	W	-
15	O	-
22	G	-

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SQUEAK AND RATTLE TROUBLE DIAGNOSIS

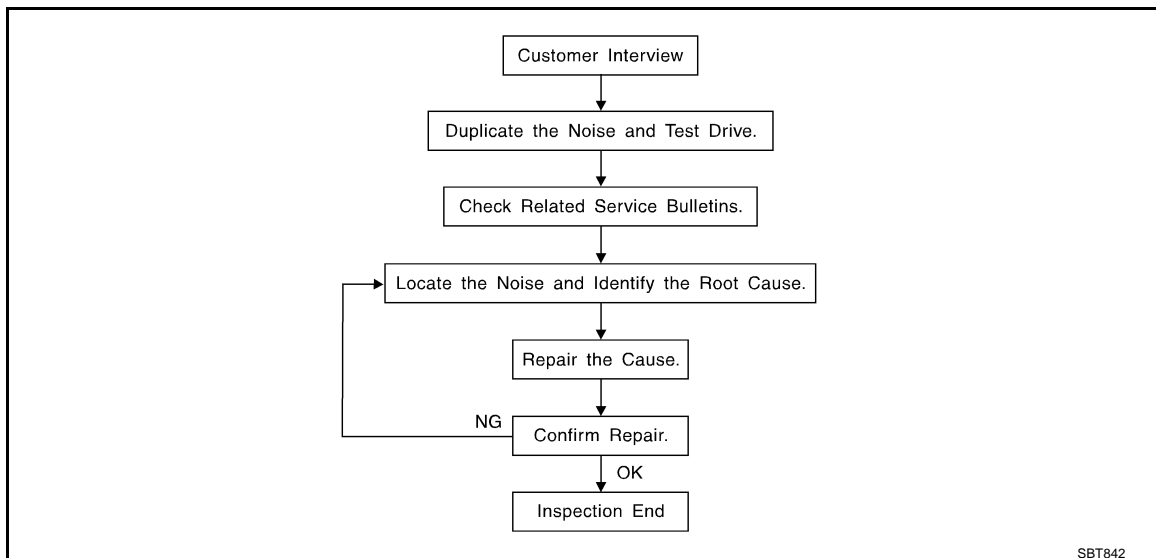
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SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSIS

Work Flow

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CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any of the customer's comments; refer to [MIR-19. "Diagnostic Worksheet"](#). This information is necessary to duplicate the conditions that exist when the noise occurs.

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

DUPLICATE THE NOISE AND TEST DRIVE

SQUEAK AND RATTLE TROUBLE DIAGNOSIS

< SYMPTOM DIAGNOSIS >

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

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

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

LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Engine Ear or mechanics stethoscope).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:
 - removing the components in the area that you suspect the noise is coming from.
Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken or lost during the repair, resulting in the creation of new noise.
 - tapping or pushing/pulling the component that you suspect is causing the noise.
Do not tap or push/pull the component with excessive force, otherwise the noise will be eliminated only temporarily.
 - feeling for a vibration with your hand by touching the component(s) that you suspect is (are) causing the noise.
 - placing a piece of paper between components that you suspect are causing the noise.
 - looking for loose components and contact marks.
Refer to [MIR-17, "Generic Squeak and Rattle Troubleshooting"](#).

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 are available through your authorized Nissan Parts Department.

CAUTION:

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

NOTE:

- URETHANE PADS
Insulates connectors, harness, etc.
- INSULATOR (Foam blocks)
Insulates components from contact. Can be used to fill space behind a panel.
- INSULATOR (Light foam block)
- FELT CLOTHTAPE
Used to insulate where movement does not occur. Ideal for instrument panel applications.
The following materials, not available through NISSAN Parts Department, can also be used to repair squeaks and rattles.
- UHMW(TEFLON) TAPE
Insulates where slight movement is present. Ideal for instrument panel applications.
- SILICONE GREASE
Used in place of UHMW tape that will be visible or not fit.
Note: Will only last a few months.
- SILICONE SPRAY
Use when grease cannot be applied.
- DUCT TAPE
Use to eliminate movement.

CONFIRM THE REPAIR

SQUEAK AND RATTLE TROUBLE DIAGNOSIS

< SYMPTOM DIAGNOSIS >

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.

Generic Squeak and Rattle Troubleshooting

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

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

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

CAUTION:

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

CENTER CONSOLE

Components to pay attention to include:

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

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

DOORS

Pay attention to the:

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

Tapping or moving the components or pressing on them while driving to duplicate the conditions can isolate many of these incidents. You can usually insulate the areas with felt cloth tape or insulator foam blocks to repair the noise.

TRUNK

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

In addition look for:

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

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

SUNROOF/HEADLINING

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

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

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SQUEAK AND RATTLE TROUBLE DIAGNOSIS

< SYMPTOM DIAGNOSIS >

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

SEATS

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

Cause of seat noise include:

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

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

UNDERHOOD

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

Causes of transmitted underhood noise include:

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

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

SQUEAK AND RATTLE TROUBLE DIAGNOSIS

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

INFOID:000000001315077



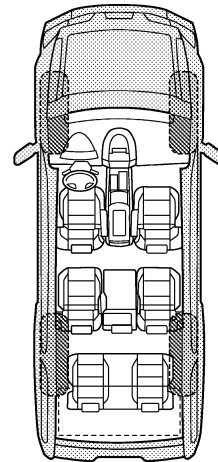
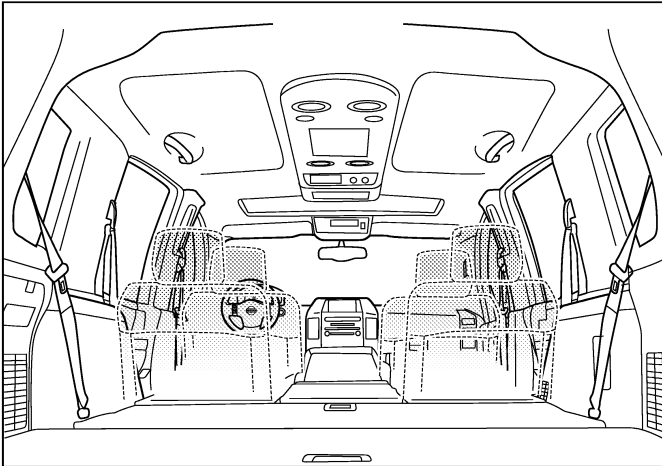
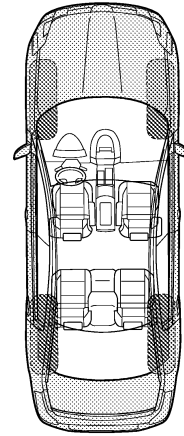
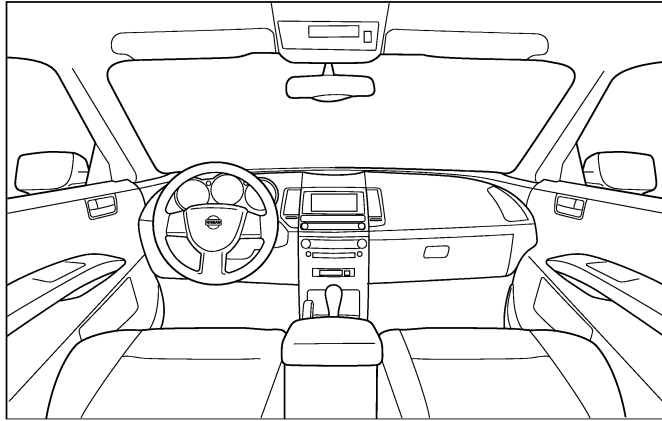
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

Dear Nissan Customer:

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

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

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



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

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SQUEAK AND RATTLE TROUBLE DIAGNOSIS

< SYMPTOM DIAGNOSIS >

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

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

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

III. WHEN DRIVING:

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

IV. WHAT TYPE OF NOISE

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

TO BE COMPLETED BY DEALERSHIP PERSONNEL

Test Drive Notes:

	YES	NO	Initials of person performing
Vehicle test driven with customer	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise verified on test drive	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise source located and repaired	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Follow up test drive performed to confirm repair	<input type="checkbox"/>	<input type="checkbox"/>	_____

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

This form must be attached to Work Order

PIIB8742E

PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000001558759

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

WARNING:

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

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PREPARATION

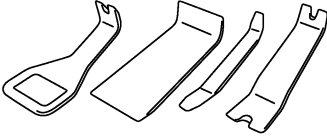
< PREPARATION >

PREPARATION

PREPARATION

Commercial Service Tools

INFOID:000000001315079

Tool name	Description
Remover tool  PIIB7923J	Remove the clip and pawl and metal clip

INSIDE MIRROR

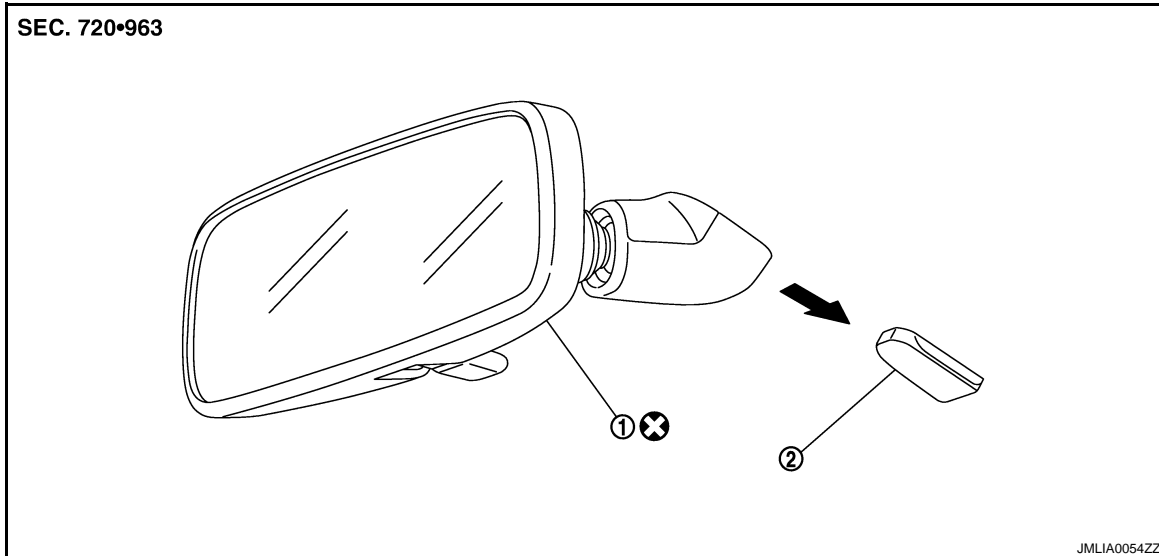
< ON-VEHICLE REPAIR >

ON-VEHICLE REPAIR

INSIDE MIRROR

Exploded View

INFOID:000000001315081



1. Inside mirror
 2. Mirror base
- Refer to [GI-4, "Components"](#) for symbols in the figure.

Removal and Installation

INFOID:000000001315082

CAUTION:
Do not reuse the inside mirror disassembled from mirror base.

REMOVAL

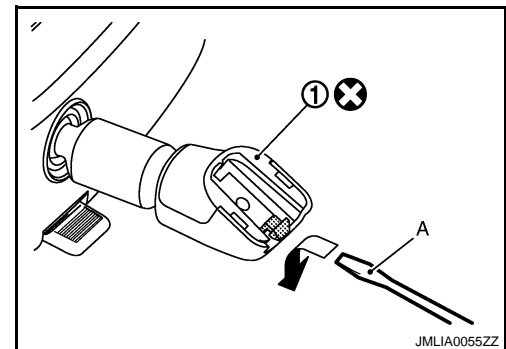
1. Remove the harness cover.
2. Slide the inside mirror upward to remove.

NOTE:

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

CAUTION:

Do not use excessive force to remove the inside mirror because it is inserted tightly into the mirror base.



INSTALLATION

Install in the reverse order of removal.

CAUTION:

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

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OUTSIDE MIRROR

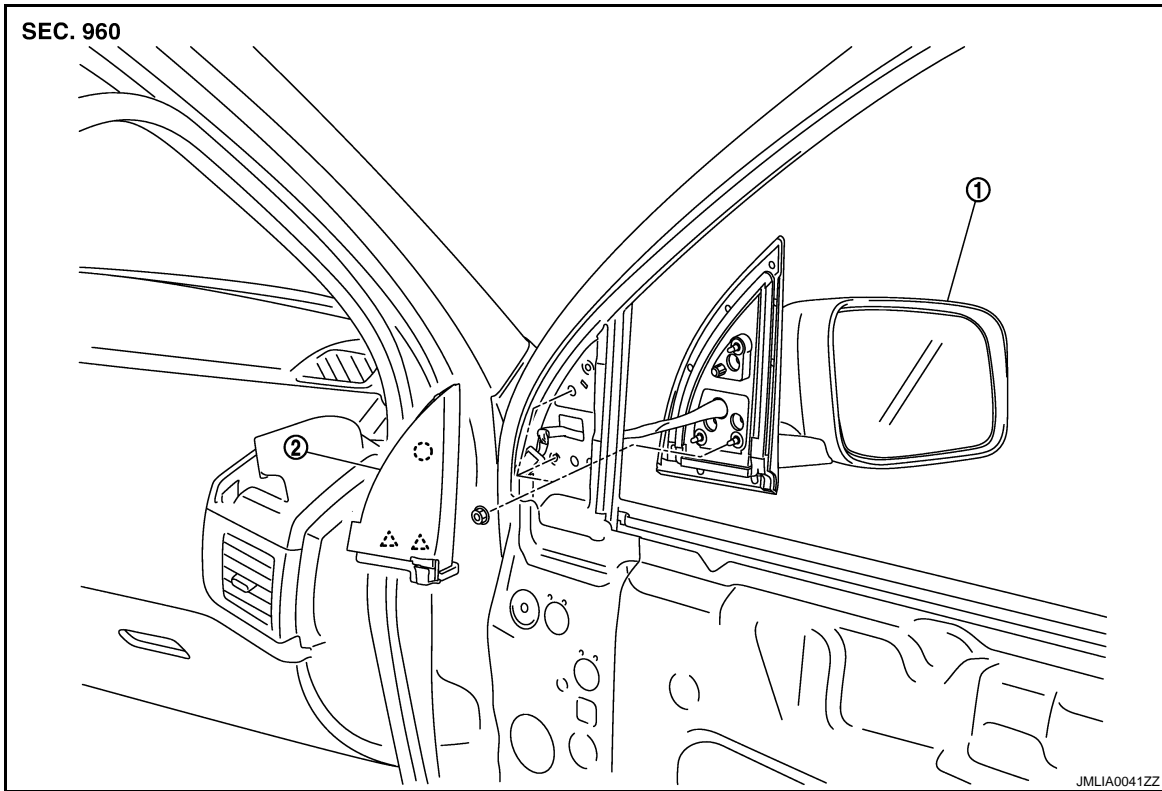
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OUTSIDE MIRROR DOOR MIRROR ASSEMBLY

DOOR MIRROR ASSEMBLY : Exploded View

INFOID:000000001315083

REMOVAL



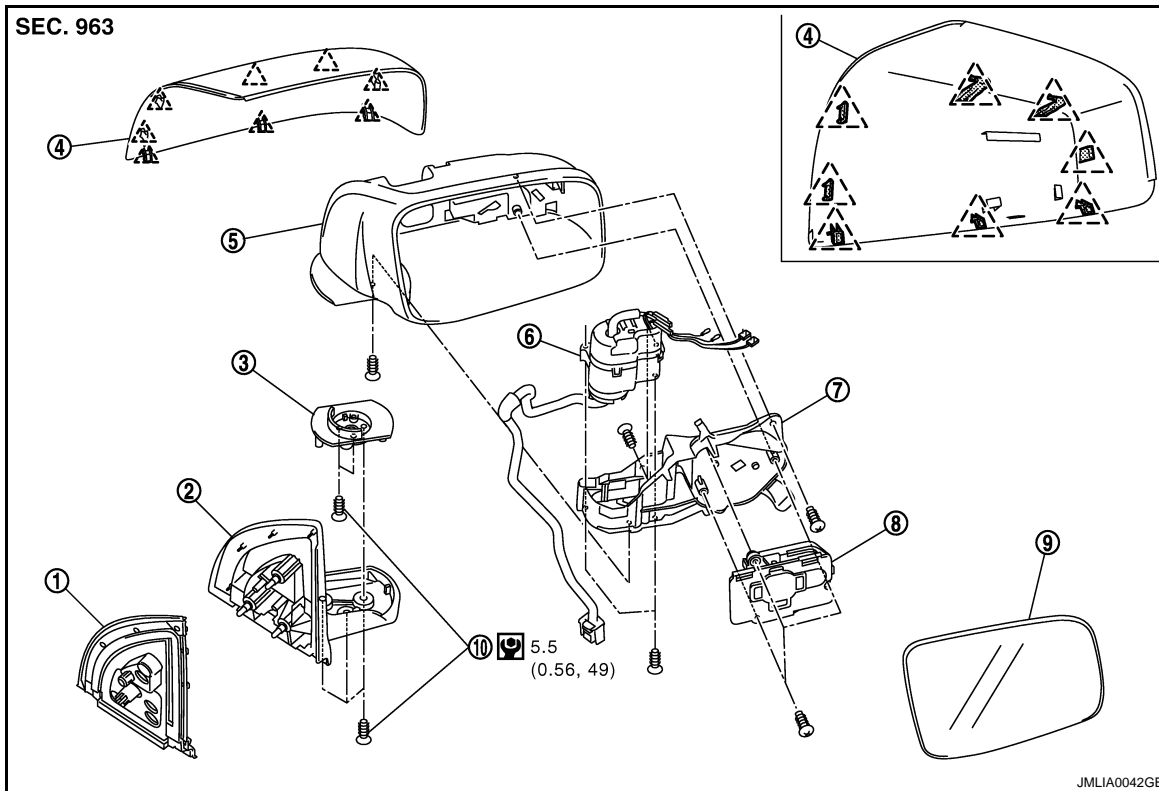
- 1. Door mirror assembly
- 2. Door mirror corner cover

- Clip
- △ Pawl

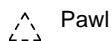
DISASSEMBLY

OUTSIDE MIRROR

< ON-VEHICLE REPAIR >



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|----------------------|-------------|-----------------|
| 1. Packing | 2. Base | 3. Base plate |
| 4. Door mirror cover | 5. Housing | 6. Power unit |
| 7. Bracket | 8. Actuator | 9. Glass mirror |
| 10. TORX bolt | | |



Refer to [GI-4. "Components"](#) for symbols in the figure.

DOOR MIRROR ASSEMBLY : Removal and Installation

INFOID:000000001315084

CAUTION:

Do not damage the mirror bodies.

REMOVAL

1. Remove the front door finisher. Refer to [INT-10. "FRONT DOOR FINISHER : Removal and Installation"](#).
2. Remove the door mirror corner cover.
3. Disconnect the door mirror harness connector.
4. Remove the door mirror mounting nuts, and remove the door mirror assembly.

INSTALLATION

Install in the reverse order of removal.

DOOR MIRROR ASSEMBLY : Disassembly and Assembly

INFOID:000000001315085

DISASSEMBLY

1. Place the glass mirror upward.
2. Put a strip of protective tape (B) on the housing.
3. As shown in the figure, insert a small slotted screwdriver (A) into the recess between glass mirror (1) and actuator (2) and push up two pawls (3) to remove glass mirror lower half side.

NOTE:

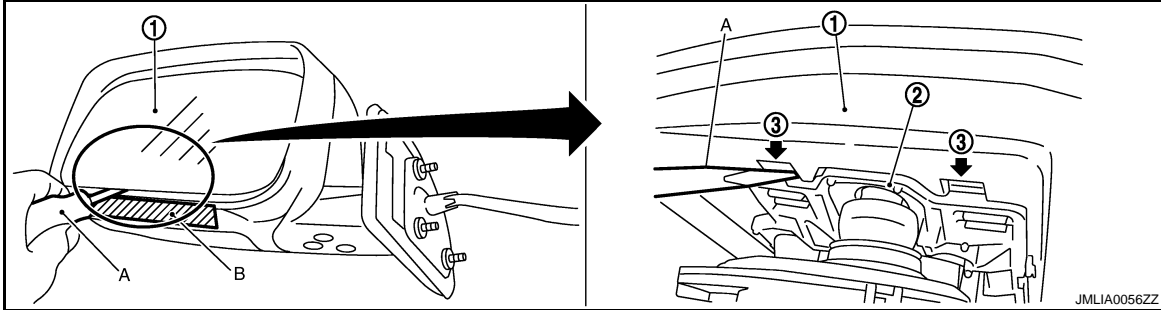
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OUTSIDE MIRROR

< ON-VEHICLE REPAIR >

When pushing up pawls do not attempt to use one recess only. Be sure to push up with both recesses. Insert a small slotted screwdriver into recesses, and push up while rotating (twist) to make work easier.



4. Remove two terminals of mirror heater attachment.
5. Lightly lift up lower side of glass mirror, and detach two pawls of upper side as if pulling it out. disassemble glass mirror from actuator.
NOTE:
Be certain not to allow grease on sealing agent in center of mirror or back side of glass mirror.
6. Remove the pawls, and disassemble the mirror cover from the mirror assembly.
7. Remove the screws, and disassemble the actuator from the mirror assembly.
8. Disassemble the packing from the base.
9. Remove the TORX bolts, and disassemble the base from the mirror assembly.
10. Remove the TORX bolts, and disassemble the base plate from the mirror assembly.
11. Remove the screws, and disassemble the bracket assembly from the housing.
12. Remove the screws, and disassemble the power unit from the bracket.

ASSEMBLY

Install in the reverse order of removal.

NOTE:

After installation, visually check that pawls are securely engaged.

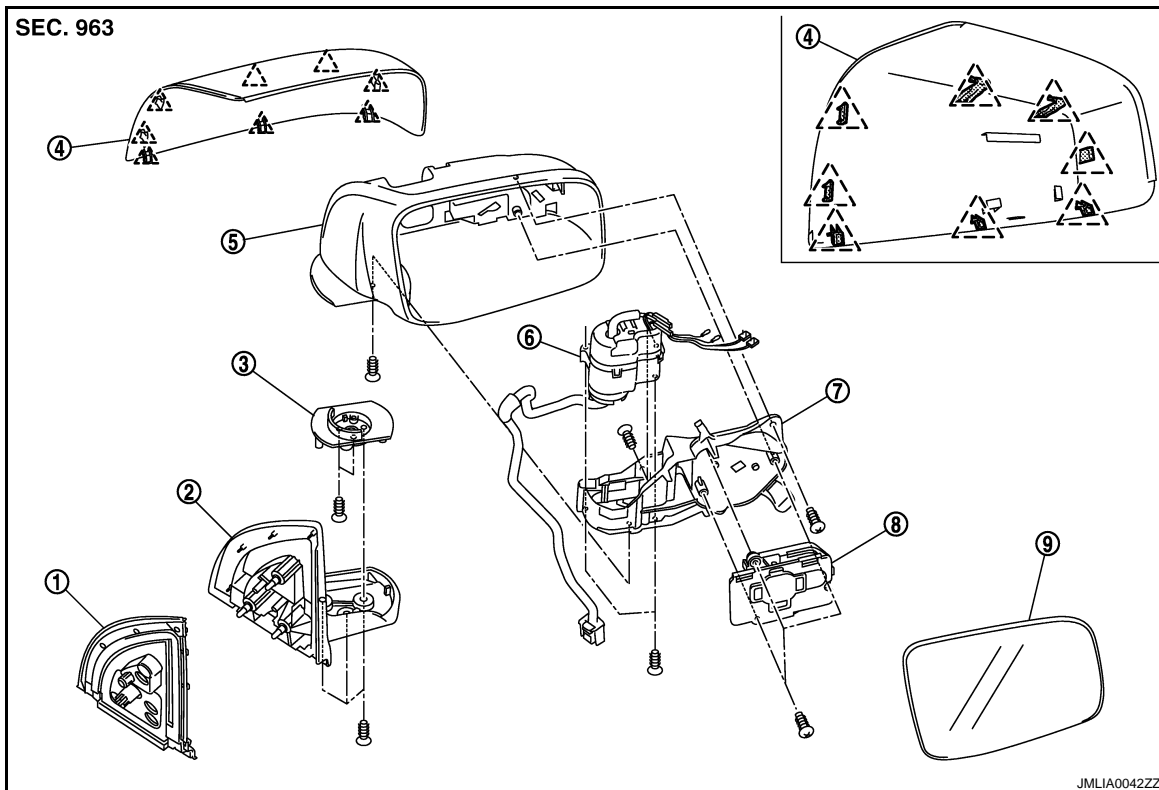
GLASS MIRROR

OUTSIDE MIRROR


< ON-VEHICLE REPAIR >

GLASS MIRROR : Exploded View

INFOID:000000001375138



- | | | |
|---------------|----------------------|---------------|
| 1. Packing | 2. Base | 3. TORX bolt |
| 4. Base plate | 5. Door mirror cover | 6. Housing |
| 7. Bracket | 8. Actuator | 9. Power unit |

 Pawl

Refer to [GI-4, "Components"](#) for symbols in the figure.

GLASS MIRROR : Disassembly and Assembly

INFOID:000000001374895

CAUTION:

Do not damage the mirror bodies.

DISASSEMBLY

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

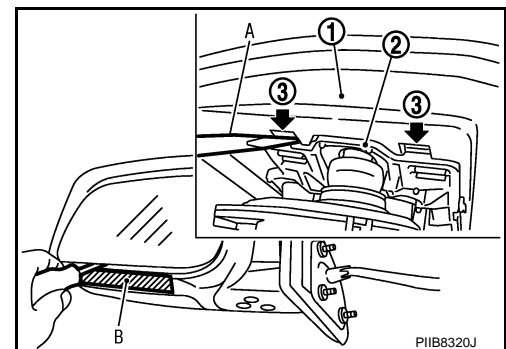
NOTE:

When pushing up pawls do not attempt to use one recess only. Be sure to push up with both recesses. Insert a small slotted screwdriver into recesses, and push up while rotating (twist) to make work easier.

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

NOTE:

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



OUTSIDE MIRROR

< ON-VEHICLE REPAIR >

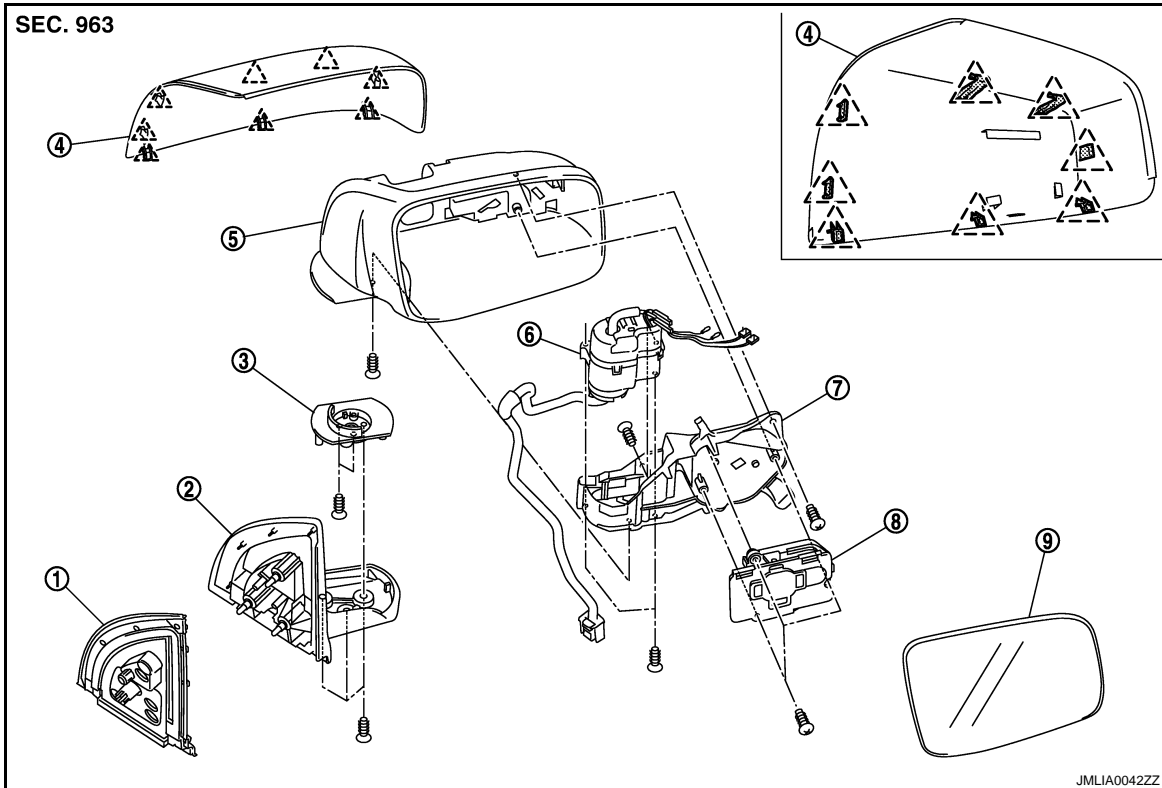
ASSEMBLY


Assemble in the reverse order of disassemble.

DOOR MIRROR COVER

DOOR MIRROR COVER : Exploded View

INFOID:000000001374892



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|------------------------------------------------------------------------------------------|----------------------|---------------|
| 1. Packing | 2. Base | 3. TORX bolt |
| 4. Base plate | 5. Door mirror cover | 6. Housing |
| 7. Bracket | 8. Actuator | 9. Power unit |
| 10. Glass mirror | | |
|  Pawl | | |

Refer to [GI-4. "Components"](#) for symbols in the figure.

DOOR MIRROR COVER : Disassembly and Assembly

INFOID:000000001374893

CAUTION:

Do not damage the mirror bodies.

DISASSEMBLY

1. Remove the glass mirror. Refer to [MIR-27. "GLASS MIRROR : Disassembly and Assembly"](#).
2. Remove the pawls, and disassemble the door mirror cover from the mirror assembly.

ASSEMBLY

Install in the reverse order of removal.

NOTE:

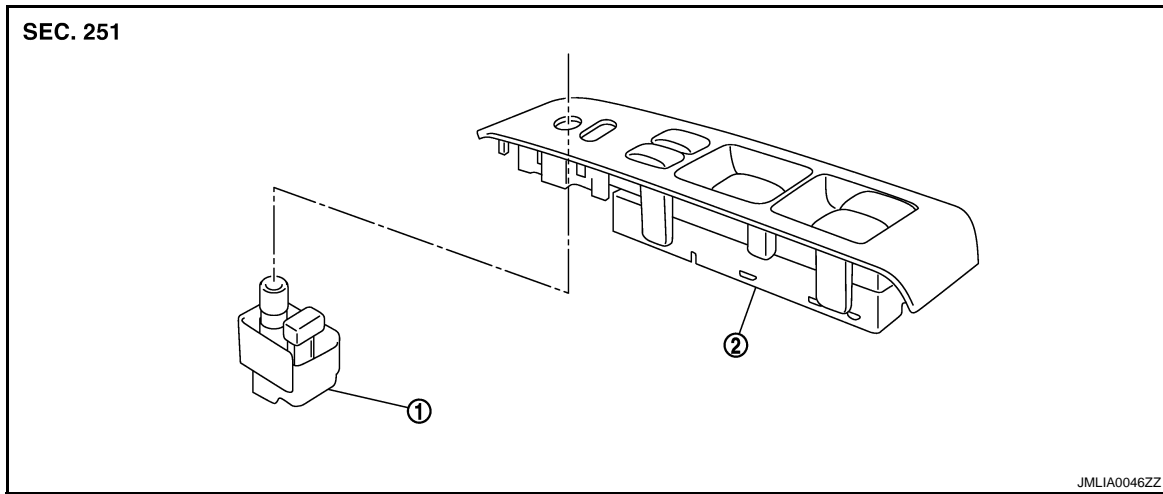
After installation, visually check that pawls are securely engaged.

DOOR MIRROR REMOTE CONTROL SWITCH

< ON-VEHICLE REPAIR >

DOOR MIRROR REMOTE CONTROL SWITCH

Exploded View



1. Door mirror remote control switch
2. Mirror switch finsher

Removal and Installation

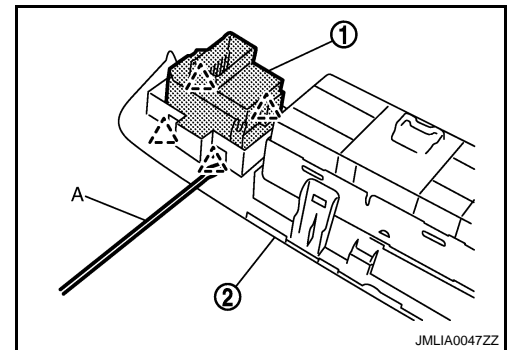
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REMOVAL

1. Remove the power window main switch (2).
Refer to [PWC-83, "Removal and Installation"](#)
2. Remove door mirror remote control switch (1) from power window main switch (2) using screw driver (A).



: Pawl



INSTALLATION

Install in the reverse order of removal.

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