

SECTION **DEF**
DEFOGGER

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PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000013387742

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 SR and SB section 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, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, 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 SR section.
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

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

WARNING:

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

Precaution Necessary for Steering Wheel Rotation After Battery Disconnect

INFOID:000000012875576

NOTE:

- Before removing and installing any control units, first turn the push-button ignition switch to the LOCK position, then disconnect both battery cables.
- After finishing work, confirm that all control unit connectors are connected properly, then re-connect both battery cables.
- Always use CONSULT to perform self-diagnosis as a part of each function inspection after finishing work. If a DTC is detected, perform trouble diagnosis according to self-diagnosis results.

This vehicle is equipped with a push-button ignition switch and a steering lock unit.

If the battery is disconnected or discharged, the steering wheel will lock and cannot be turned.

If turning the steering wheel is required with the battery disconnected or discharged, follow the procedure below before starting the repair operation.

OPERATION PROCEDURE

1. Connect both battery cables.

NOTE:

Supply power using jumper cables if battery is discharged.

2. Carry the Intelligent Key or insert it to the key slot and turn the push-button ignition switch to ACC position. (At this time, the steering lock will be released.)
3. Disconnect both battery cables. The steering lock will remain released with both battery cables disconnected and the steering wheel can be turned.
4. Perform the necessary repair operation.
5. When the repair work is completed, re-connect both battery cables. With the brake pedal released, turn the push-button ignition switch from ACC position to ON position, then to LOCK position. (The steering wheel will lock when the push-button ignition switch is turned to LOCK position.)
6. Perform self-diagnosis check of all control units using CONSULT.

COMPONENT PARTS

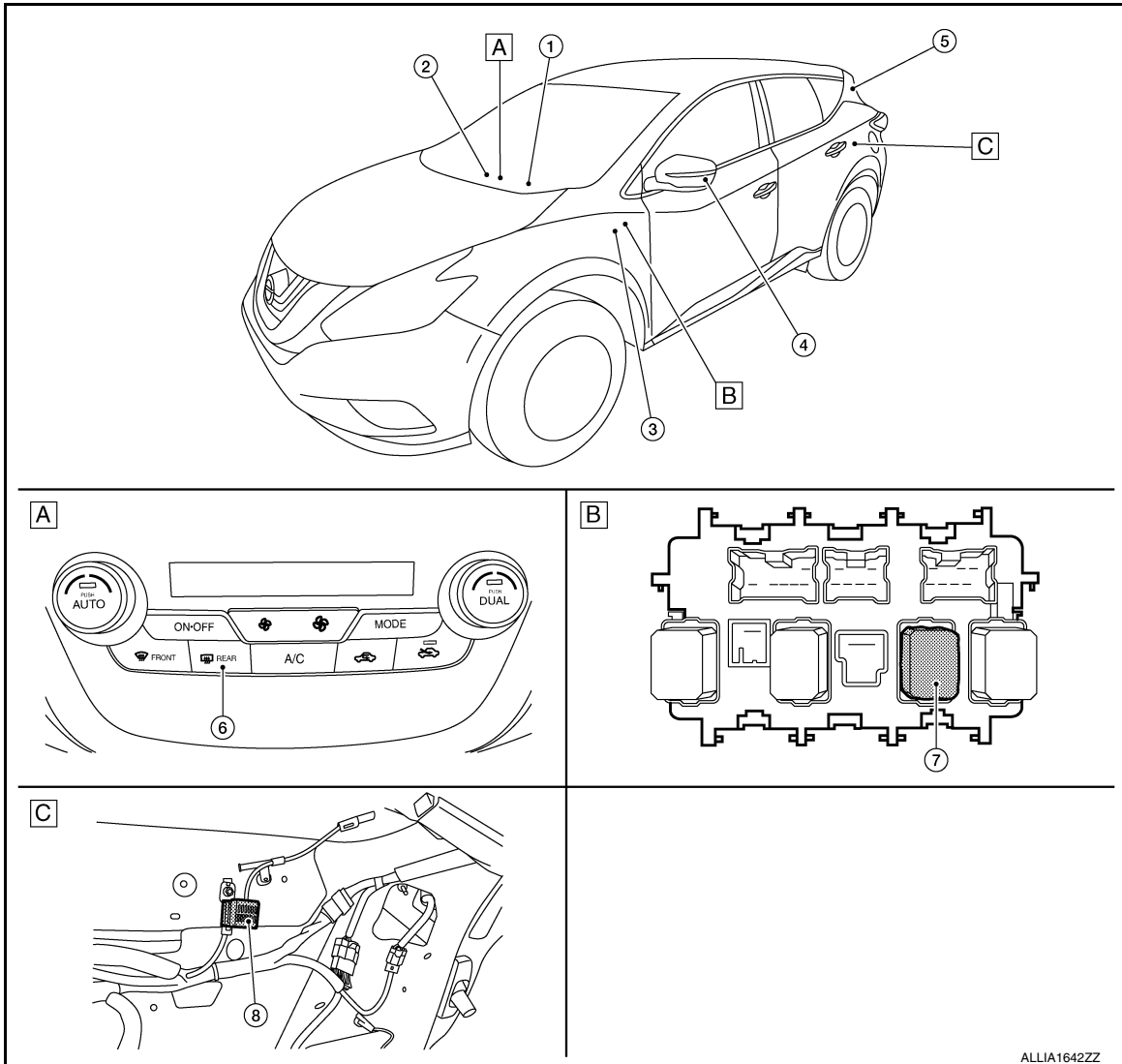
< SYSTEM DESCRIPTION >

SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:000000012875577



A. Center of instrument panel

B. Left side of instrument panel

C. Back door lower finisher inside

No.	Component	Function
1.	BCM	<ul style="list-style-type: none"> Operates the rear window defogger with the operation of rear window defogger switch. Performs the timer control for rear window defogger. Refer to BCS-4, "BODY CONTROL SYSTEM : Component Parts Location" for detailed installation location.
2.	A/C auto amp.	<ul style="list-style-type: none"> Transmits rear window defogger switch ON signal to the BCM. Transmits the indicator lamp ON signal when detecting the operation of rear window defogger.
3.	Accessory relay-2	Refer to PCS-7, "RELAY CONTROL SYSTEM : System Description" .
4.	Door mirror LH (RH similar)	Refer to DEF-5, "Door Mirror Defogger" .
5.	Rear window defogger	Refer to DEF-5, "Rear Window Defogger" .

COMPONENT PARTS

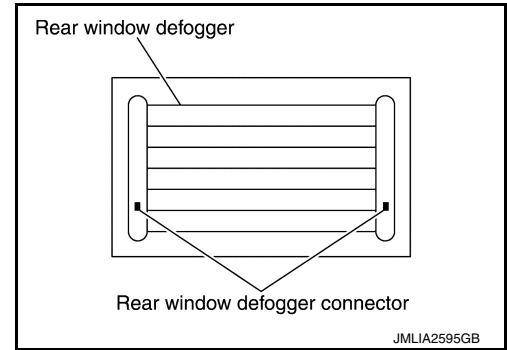
< SYSTEM DESCRIPTION >

No.	Component	Function
6.	A/C switch assembly (rear window defogger switch)	<ul style="list-style-type: none"> • Transmits rear window defogger switch ON signal. • Turns the indicator lamp ON when detecting the operation of rear window defogger.
7.	Rear window defogger relay	Operates the rear window defogger and the door mirror defogger with the control signal from BCM.
8.	Rear window defogger condenser	Removes the noise that is generated when the rear window defogger turns ON/OFF.

Rear Window Defogger

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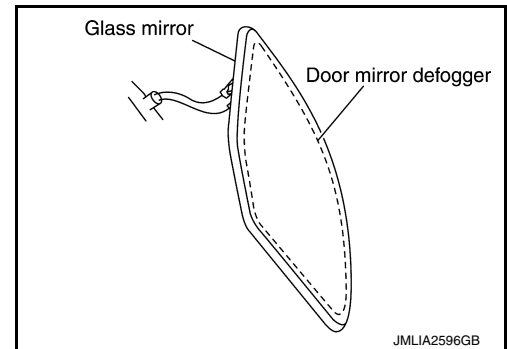
Heats the heating wire with the power supply from the rear window defogger relay to prevent the rear window from fogging up.



Door Mirror Defogger

INFOID:000000012875579

Heats the heating wire with the power supply from the rear window defogger relay to prevent the door mirror from fogging up.



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SYSTEM

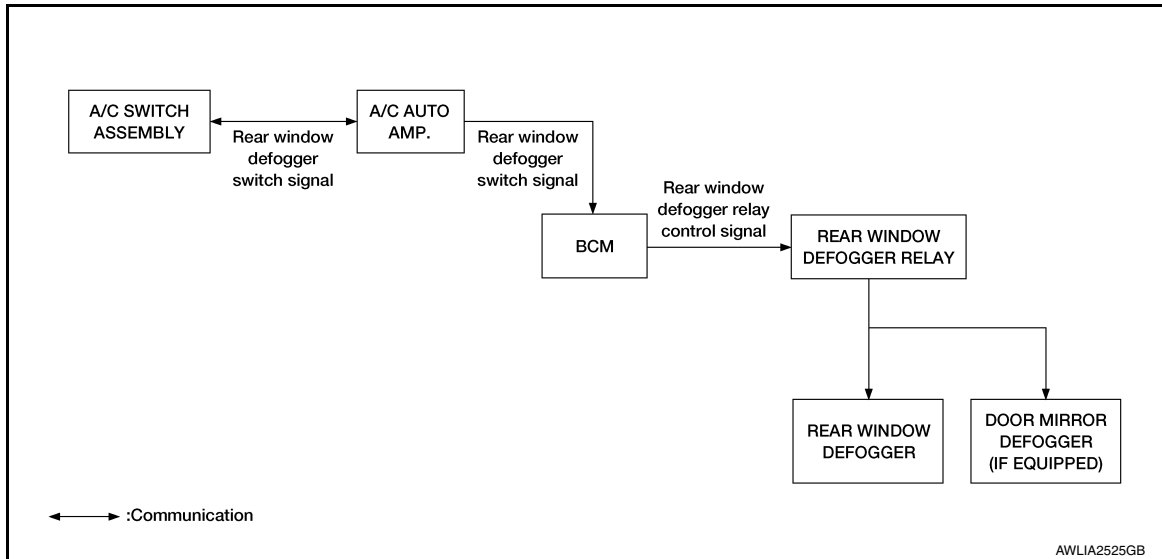
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SYSTEM

System Description

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SYSTEM DIAGRAM



OPERATION DESCRIPTION

- When rear window defogger switch is turned ON while ignition switch is ON, the rear window defogger switch signal is transmitted to the A/C auto amp.
- BCM turns rear window defogger relay ON when rear window defogger switch signal is received from A/C auto amp.
- Rear window defogger and door mirror defogger are supplied with power and operate when rear window defogger relay turns ON.
- BCM transmits rear window defogger feedback signal to A/C auto amp. then communicates the signal to the A/C switch assembly when rear window defogger operates.
- Rear window defogger ON is displayed when signal is received.

TIMER FUNCTION

- BCM turns rear window defogger relay ON for approximately 15 minutes when rear window defogger switch is turned ON and the ignition switch is ON. It makes rear window defogger and door mirror defogger (if equipped) operate.
- Timer is canceled after pressing rear window defogger switch again during timer operation. Then BCM turns rear window defogger relay OFF. The same reaction also occurs during timer operation if the ignition switch is turned OFF.

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (BCM)

COMMON ITEM

COMMON ITEM : CONSULT Function (BCM - COMMON ITEM)

INFOID:000000013387419

APPLICATION ITEM

CONSULT performs the following functions via CAN communication with BCM.

Direct Diagnostic Mode	Description
ECU Identification	The BCM part number is displayed.
Self Diagnostic Result	The BCM self diagnostic results are displayed.
Data Monitor	The BCM input/output data is displayed in real time.
Active Test	The BCM activates outputs to test components.
Work support	The settings for BCM functions can be changed.
Configuration	<ul style="list-style-type: none"> • The vehicle specification can be read and saved. • The vehicle specification can be written when replacing BCM.
CAN Diag Support Mntr	The result of transmit/receive diagnosis of CAN communication is displayed.

SYSTEM APPLICATION

BCM can perform the following functions:

System	Sub System	Direct Diagnostic Mode						
		ECU Identification	Self Diagnostic Result	Data Monitor	Active Test	Work support	Configuration	CAN Diag Support Mntr
Door lock	DOOR LOCK		×	×	×	×		
Rear window defogger	REAR DEFOGGER			×	×	×		
Warning chime	BUZZER			×	×			
Interior room lamp timer	INT LAMP			×	×	×		
Exterior lamp	HEADLAMP			×	×	×		
Wiper and washer	WIPER			×	×	×		
Turn signal and hazard warning lamps	FLASHER			×	×	×		
Air conditioner	AIR CONDITIONER			×				
Intelligent Key system	INTELLIGENT KEY		×	×	×	×		
Combination switch	COMB SW			×				
BCM	BCM	×	×			×	×	×
Immobilizer	IMMU		×	×	×			
Interior room lamp battery saver	BATTERY SAVER			×	×			
Back door open	TRUNK			×				
Vehicle security system	THEFT ALM			×	×	×		
RAP system	RETAINED PWR			×				
Signal buffer system	SIGNAL BUFFER			×	×			
TPMS	AIR PRESSURE MONITOR		×	×	×			

FREEZE FRAME DATA (FFD)

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

The BCM records the following vehicle condition at the time a particular DTC is detected, and displays it on CONSULT.

CONSULT screen item	Indication/Unit	Description
Vehicle Speed	km/h	Vehicle speed at the moment a particular DTC is detected
Odo/Trip Meter	km	Total mileage (Odometer value) at the moment a particular DTC is detected
Vehicle Condition	SLEEP>LOCK	While turning BCM status from low power consumption mode to normal mode (Power supply position is "LOCK"*).
	SLEEP>OFF	While turning BCM status from low power consumption mode to normal mode (Power supply position is "OFF".)
	LOCK>ACC	While turning power supply position from "LOCK" *to "ACC"
	ACC>ON	While turning power supply position from "ACC" to "IGN"
	RUN>ACC	While turning power supply position from "RUN" to "ACC" (Vehicle is stopped and selector lever is in P position.)
	CRANK>RUN	While turning power supply position from "CRANKING" to "RUN" (From cranking up the engine to run it)
	RUN>URGENT	While turning power supply position from "RUN" to "ACC" (Emergency stop operation)
	ACC>OFF	While turning power supply position from "ACC" to "OFF"
	OFF>LOCK	While turning power supply position from "OFF" to "LOCK"*
	OFF>ACC	While turning power supply position from "OFF" to "ACC"
	ON>CRANK	While turning power supply position from "IGN" to "CRANKING"
	OFF>SLEEP	While turning BCM status from normal mode (Power supply position is "OFF".) to low power consumption mode
	LOCK>SLEEP	While turning BCM status from normal mode (Power supply position is "LOCK"*.) to low power consumption mode
	LOCK	Power supply position is "LOCK" (Ignition switch OFF)*
	OFF	Power supply position is "OFF" (Ignition switch OFF)
	ACC	Power supply position is "ACC" (Ignition switch ACC)
	ON	Power supply position is "IGN" (Ignition switch ON with engine stopped)
	ENGINE RUN	Power supply position is "RUN" (Ignition switch ON with engine running)
CRANKING	Power supply position is "CRANKING" (At engine cranking)	
IGN Counter	0 - 39	<p>The number of times that ignition switch is turned ON after DTC is detected</p> <ul style="list-style-type: none"> • The number is 0 when a malfunction is detected now. • The number increases like 1 → 2 → 3...38 → 39 after returning to the normal condition whenever ignition is switched OFF → ON. • The number is fixed to 39 until the self-diagnosis results are erased if it is over 39.

NOTE:

*: Power supply position shifts to "LOCK" from "OFF", when ignition switch is in the OFF position, selector lever is in the P position, and any of the following conditions are met:

- Closing door
- Opening door
- Door is locked using door request switch
- Door is locked using Intelligent Key

The power supply position shifts to "ACC" when the push-button ignition switch (push switch) is pushed at "LOCK".

REAR DEFOGGER

REAR DEFOGGER : CONSULT Function (BCM - REAR DEFOGGER)

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DATA MONITOR

DIAGNOSIS SYSTEM (BCM)

< SYSTEM DESCRIPTION >

Monitor Item [Unit]	Description
PUSH SW [On/Off]	Indicates condition of push-button ignition switch.
REAR DEF SW [On/Off]	Indicates condition of rear window defogger switch.

ACTIVE TEST

Test Item	Description
REAR DEFOGGER	This test is able to check rear window defogger operation [Off/On].

WORK SUPPORT

Support Item	Setting	Description
SET R-DEF TIMER	MODE3	Rear defogger turns OFF after 1 minute.
	MODE2	Rear defogger remains ON until turned OFF.
	MODE1*	Rear defogger turns OFF after 15 minutes.

* : Initial setting

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BCM

< ECU DIAGNOSIS INFORMATION >

ECU DIAGNOSIS INFORMATION

BCM

List of ECU Reference

INFOID:0000000012875583

ECU	Reference
BCM	BCS-30. "Reference Value"
	BCS-50. "Fail Safe"
	BCS-51. "DTC Inspection Priority Chart"
	BCS-52. "DTC Index"

REAR WINDOW DEFOGGER SYSTEM

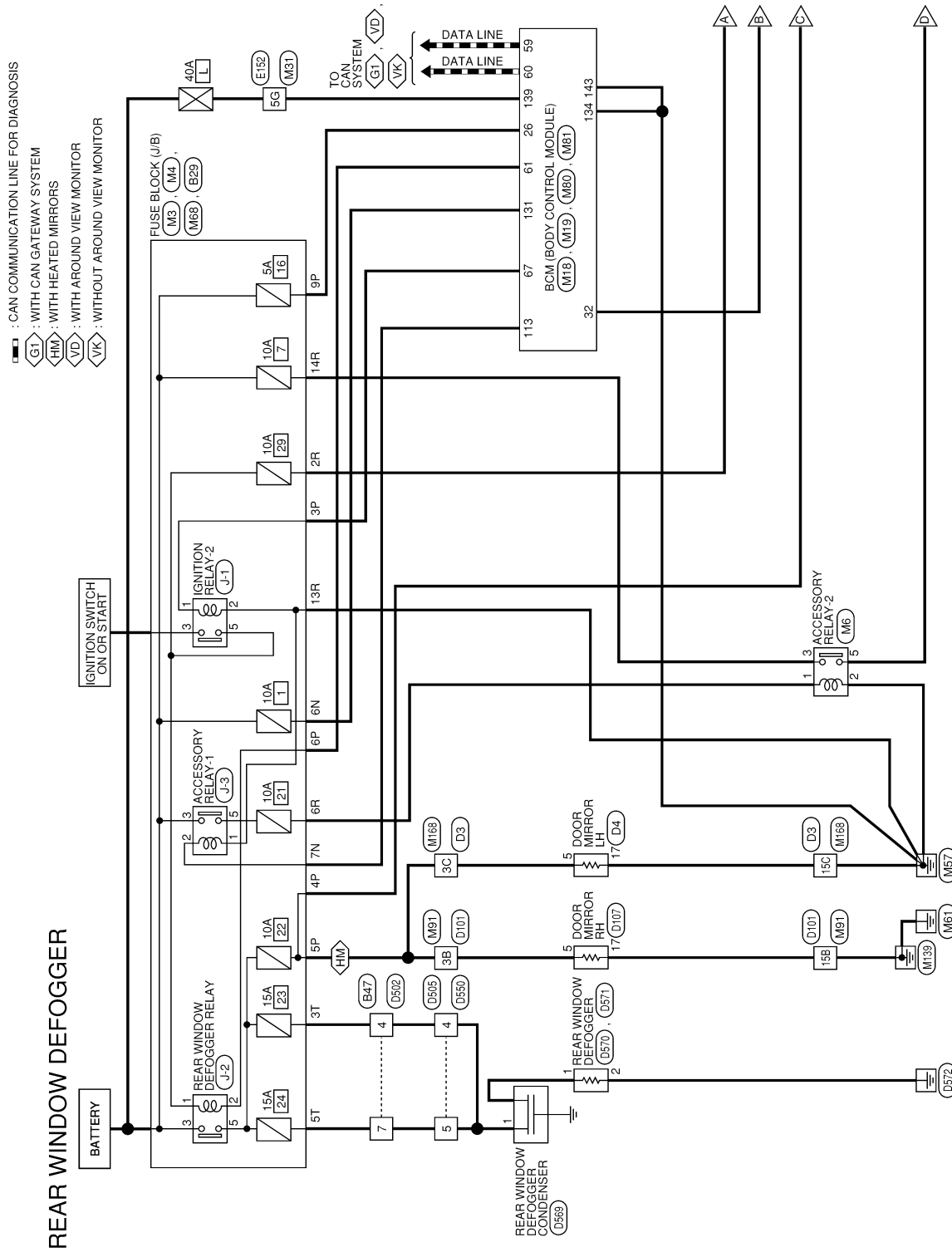
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WIRING DIAGRAM

REAR WINDOW DEFOGGER SYSTEM

Wiring Diagram

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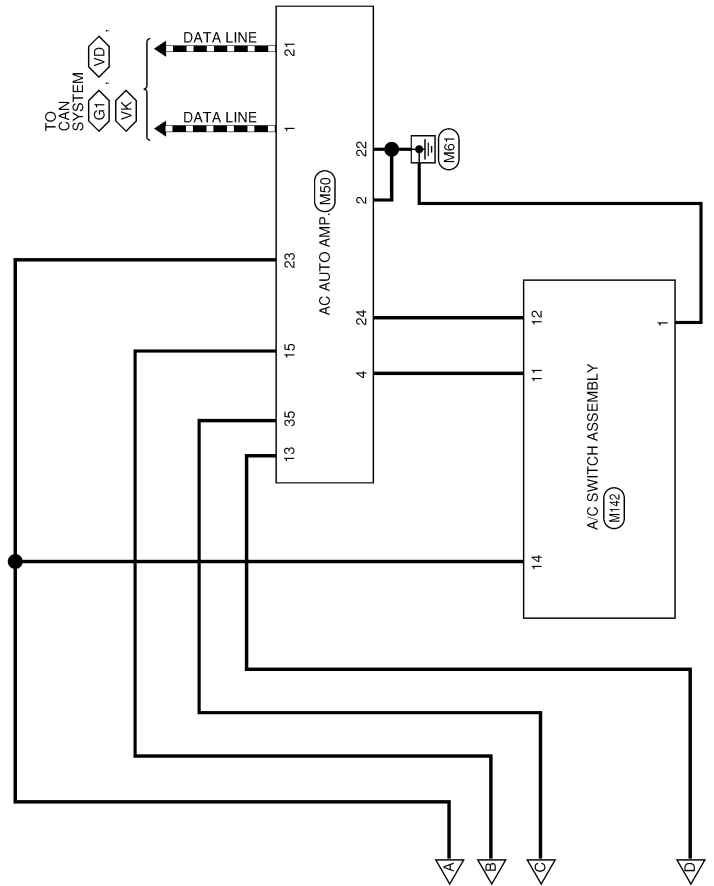


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REAR WINDOW DEFOGGER SYSTEM

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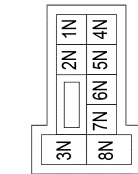
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REAR WINDOW DEFOGGER SYSTEM

< WIRING DIAGRAM >

REAR WINDOW DEFOGGER CONNECTORS

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	CS06FW-M2
Connector Color	WHITE



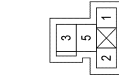
Terminal No.	Color of Wire	Signal Name
6N	W	-
7N	L	-

Connector No.	M4
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS
Connector Color	WHITE



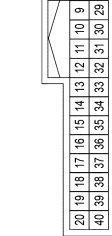
Terminal No.	Color of Wire	Signal Name
3P	G	-
4P	P	-
5P	R	-
6P	BG	-
9P	L	-

Connector No.	M6
Connector Name	ACCESSORY RELAY-2
Connector Type	MS02FL-M2-LC
Connector Color	BLUE



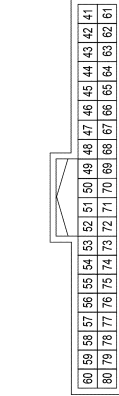
Terminal No.	Color of Wire	Signal Name
1	L	-
2	B	-
3	R	-
5	P	-

Connector No.	M18
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH
Connector Color	GREEN



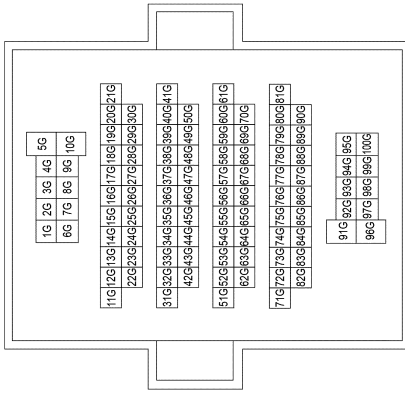
Terminal No.	Color of Wire	Signal Name
26	L	SHORTING INPUT
32	Y	REAR DEFOGGER SW

Connector No.	M19
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
59	P	CAN-L
60	L	CAN-H
61	BG	REAR DEFOGGER RELAY OUT
67	G	IGN ELEC RELAY OUT 2

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
5G	L	-

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REAR WINDOW DEFOGGER SYSTEM

< WIRING DIAGRAM >

Connector No.	M80
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH24FB-NH
Connector Color	BLACK



116	115	114	113	112	111	110	109	108	107	106	105
128	127	126	125	124	123	122	121	120	119	118	117

Terminal No.	Color of Wire	Signal Name
113	L	ACC RELAY OUT

Connector No.	M81
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHA6-SA
Connector Color	WHITE



137	136	135	134	133	132	131	130	129
143	142	141	140	139	138			

Terminal No.	Color of Wire	Signal Name
131	W	BAT BCM FUSE
134	GR	GND2
139	L	BAT POWER F/L
143	GR	GND1

Connector No.	M91
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15
Connector Color	WHITE



18	38	48	58	68	78	88	98	108	118	128	138	148	158
168	178	188	198	208	218	228	238	248	258	268	278	288	298
308	318	328	338	348	358	368	378	388	398	408	418	428	438
448	458	468	478	488	498	508	518	528	538	548	558	568	578

Terminal No.	Color of Wire	Signal Name
3B	BR/V	-

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	TH40FW-NH
Connector Color	WHITE



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	34	35	36	37	38	39	40	

Terminal No.	Color of Wire	Signal Name
1	L	CAN-H
2	B	GND
4	BR	TX-FR
13	P	IGN2
15	Y	RR DEF ON
21	P	CAN-L
22	B	P-GND
23	LG	IGN
24	V	Rx TR
35	P	RR DEF F/B

Connector No.	M68
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FBR-CS
Connector Color	BROWN



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

Terminal No.	Color of Wire	Signal Name
2R	LG	-
6R	L	-
13R	B	-
14R	R	-

Connector No.	M142
Connector Name	A/C SWITCH ASSEMBLY
Connector Type	TH16FW-NH
Connector Color	WHITE



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

Terminal No.	Color of Wire	Signal Name
1	B	GND
11	BR	Rx
12	V	Tx
14	LG	-

Connector No.	M168
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15
Connector Color	WHITE

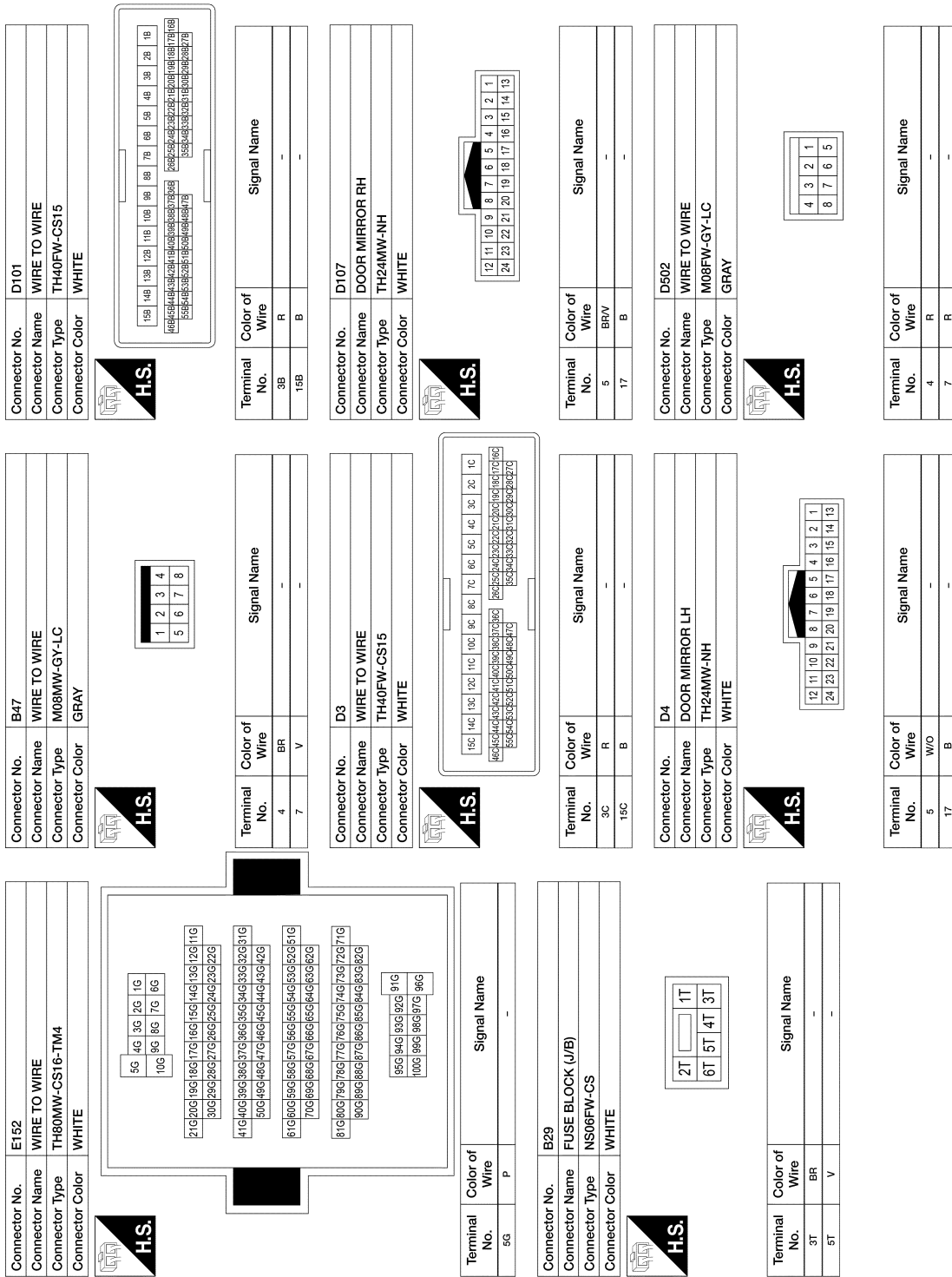


1C	2C	3C	4C	5C	6C	7C	8C	9C	10C	11C	12C	13C	14C	15C
16C	17C	18C	19C	20C	21C	22C	23C	24C	25C	26C	27C	28C	29C	30C
31C	32C	33C	34C	35C	36C	37C	38C	39C	40C	41C	42C	43C	44C	45C

Terminal No.	Color of Wire	Signal Name
3C	W/O	-
15C	B	-

REAR WINDOW DEFOGGER SYSTEM

< WIRING DIAGRAM >



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REAR WINDOW DEFOGGER SYSTEM

< WIRING DIAGRAM >

Connector No.	D570
Connector Name	REAR WINDOW DEFOGGER
Connector Type	P01FB-A
Connector Color	BLACK



2

Terminal No.	2	Color of Wire	B	Signal Name	-
--------------	---	---------------	---	-------------	---

Connector No.	D571
Connector Name	REAR WINDOW DEFOGGER
Connector Type	P01MB-X
Connector Color	BLACK



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Terminal No.	1	Color of Wire	-	Signal Name	-
--------------	---	---------------	---	-------------	---

Connector No.	D505
Connector Name	WIRE TO WIRE
Connector Type	M08FW-GY-LC
Connector Color	GRAY



4	3	2	1
8	7	6	5

Terminal No.	4	Color of Wire	R	Signal Name	-
5	R	R	-	-	-

Connector No.	D560
Connector Name	WIRE TO WIRE
Connector Type	M08MW-GY-LC
Connector Color	GRAY



1	2	3	4
5	6	7	8

Terminal No.	4	Color of Wire	G	Signal Name	-
5	R	R	-	-	-

Connector No.	D569
Connector Name	REAR WINDOW DEFOGGER CONDENSER
Connector Type	M01FW-GY-LC
Connector Color	GRAY



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Terminal No.	1	Color of Wire	G	Signal Name	-
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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

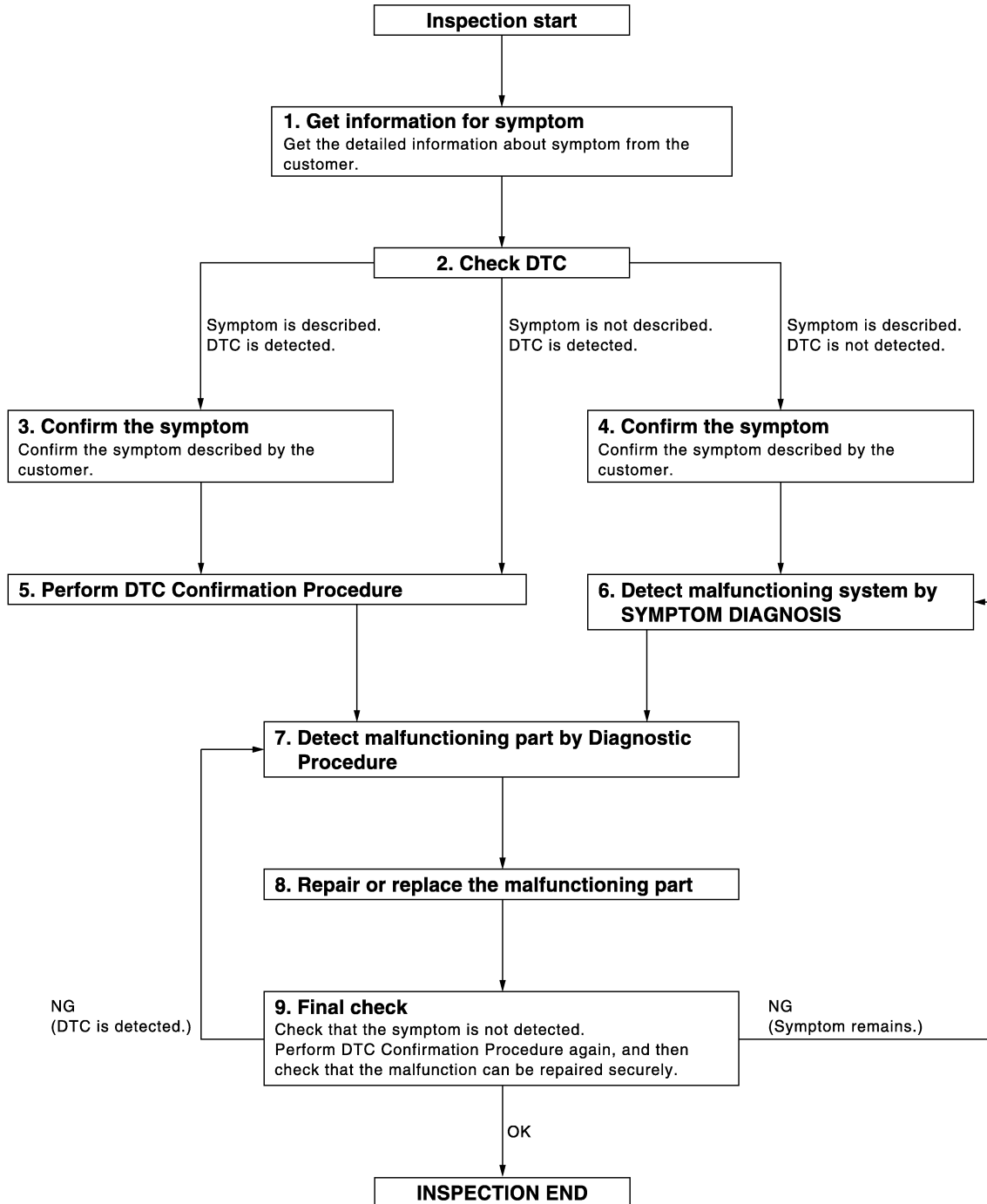
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

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OVERALL SEQUENCE



DETAILED FLOW

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

1. GET INFORMATION FOR SYMPTOM

Get detailed information from the customer about the symptom (the condition and the environment when the incident/malfunction occurred).

>> GO TO 2.

2. CHECK DTC

1. Check DTC.
2. Perform the following procedure if DTC is displayed.
 - Record DTC and freeze frame data. (Print them out with CONSULT.)
 - Erase DTC.
 - Study the relationship between the cause detected by DTC and the symptom described by the customer.
3. Check related service bulletins for information.

Is any symptom described and any DTC detected?

Symptom is described, DTC is displayed>>GO TO 3.

Symptom is described, DTC is not displayed>>GO TO 4.

Symptom is not described, DTC is displayed>>GO TO 5.

3. CONFIRM THE SYMPTOM

Confirm the symptom described by the customer.

Connect CONSULT to the vehicle in "Data Monitor" mode and check real-time diagnosis results.

Verify relation between the symptom and the condition when the symptom is detected.

>> GO TO 5.

4. CONFIRM THE SYMPTOM

Confirm the symptom described by the customer.

Connect CONSULT to the vehicle in "Data Monitor" mode and check real-time diagnosis results.

Verify relation between the symptom and the condition when the symptom is detected.

>> GO TO 6.

5. PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC Confirmation Procedure for the displayed DTC, and then check that DTC is detected again.

At this time, always connect CONSULT to the vehicle, and check diagnostic results in real time.

If two or more DTCs are detected, refer to [BCS-51. "DTC Inspection Priority Chart"](#) and determine trouble diagnosis order.

NOTE:

- Freeze frame data is useful if the DTC is not detected.
- Perform Component Function Check if DTC Confirmation Procedure is not included in Service Manual. This simplified check procedure is an effective alternative though DTC cannot be detected during this check. If the result of Component Function Check is NG, it is the same as the detection of DTC by DTC Confirmation Procedure.

Is DTC detected?

YES >> GO TO 7.

NO >> Refer to [GI-42. "Intermittent Incident"](#).

6. DETECT MALFUNCTIONING SYSTEM BY SYMPTOM DIAGNOSIS

Detect malfunctioning system according to [DEF-6. "System Description"](#) based on the confirmed symptom in step 4, and determine the trouble diagnosis order based on possible causes and symptom.

>> GO TO 7.

7. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the system.

NOTE:

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

The Diagnostic Procedure described is based on open circuit inspection. A short circuit inspection is also required for the circuit check in the Diagnostic Procedure.

Is malfunctioning part detected?

YES >> GO TO 8.

NO >> Check voltage of related BCM terminals using CONSULT.

8. REPAIR OR REPLACE THE MALFUNCTIONING PART

1. Repair or replace the malfunctioning part.
2. Reconnect parts or connectors disconnected during Diagnostic Procedure after repair and replacement.
3. Check DTC. If DTC is displayed, erase it.

>> GO TO 9.

9. FINAL CHECK

When DTC was detected in step 2, perform DTC Confirmation Procedure or Component Function Check again, and then check that the malfunction has been repaired.

When symptom was described by the customer, refer to confirmed symptom in step 3 or 4, and check that the symptom is not detected.

Does the symptom reappear?

YES (DTC is detected)>>GO TO 7.

YES (Symptom remains)>>GO TO 6.

NO >> Inspection End.

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REAR WINDOW DEFOGGER SWITCH

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

REAR WINDOW DEFOGGER SWITCH

Component Function Check

INFOID:000000012875586

1. CHECK REAR WINDOW DEFOGGER SWITCH FUNCTION

Check that the rear window defogger indicator lamp illuminates when the rear window defogger switch is ON.

Is the inspection result normal?

- YES >> Rear window defogger switch function is OK.
- NO >> Refer to [DEF-20, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012875587

Regarding Wiring Diagram information, refer to [DEF-11, "Wiring Diagram"](#).

1. CHECK REAR WINDOW DEFOGGER RELAY OPERATION

1. Push the ignition switch to ON.
2. Check that an operation noise of rear window defogger relay [located in fuse block (J/B)] can be heard when pressing the rear window defogger switch ON and OFF.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> GO TO 5.

2. CHECK FUSE

Check if the following fuse in the fuse block (J/B) is blown.

Component	Capacity	Fuse No.
Fuse block (J/B)	10 A	22

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Replace the blown fuse after repairing the affected circuit.

3. CHECK FOR VOLTAGE FROM THE REAR WINDOW DEFOGGER RELAY

1. Press rear window defogger switch.
2. Check for voltage between fuse block (J/B) connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)
Connector	Terminal			
M4	4P	Ground	Rear window defogger switch	ON Battery voltage
			OFF 0	

Is the inspection result normal?

- YES >> GO TO 4.
- NO >> Perform rear window defogger relay diagnosis. Refer to [DEF-24, "Diagnosis Procedure"](#).

4. CHECK REAR WINDOW DEFOGGER SWITCH INDICATOR CIRCUIT

1. Press rear window defogger switch.
2. Check for voltage between A/C auto amp. connector and ground.

REAR WINDOW DEFOGGER SWITCH

< DTC/CIRCUIT DIAGNOSIS >

(+)		(-)	Condition		Voltage (V) (Approx.)
A/C auto amp.					
Connector	Terminal				
M50	35	Ground	Rear window defogger switch	ON	Battery voltage
				OFF	0

Is the inspection result normal?

- YES >> Replace A/C auto amp. Refer to [HAC-92, "Removal and Installation"](#).
 NO >> Repair or replace harness.

5. CHECK A/C AUTO AMP. (REAR WINDOW DEFOGGER SWITCH) FUNCTION

CONSULT

- Select "REAR DEFOGGER" of "BCM".
- Select "REAR DEF SW" in "Data Monitor" mode.
- Check that the function operates normally according to the following conditions:

Monitor Item	Condition		Status
REAR DEF SW	Rear window defogger switch	Pressed	On
		Released	Off

Is the inspection result normal?

- YES >> GO TO 8.
 NO >> GO TO 6.

6. CHECK REAR WINDOW DEFOGGER ON SIGNAL CIRCUIT

Check voltage between BCM connector and ground.

(+)		(-)	Condition		Voltage (V) (Approx.)
BCM					
Connector	Terminal				
M18	32	Ground	Rear window defogger switch	ON	0
				OFF	5

Is the inspection result normal?

- YES >> Replace BCM. Refer to [BCS-79, "Removal and Installation"](#).
 NO >> GO TO 7.

7. CHECK HARNESS CONTINUITY

- Push ignition switch to OFF.
- Disconnect BCM and front air control.
- Check continuity between BCM connector and A/C auto amp.

BCM		A/C auto amp.		Continuity
Connector	Terminal	Connector	Terminal	
M18	32	M50	15	Yes

4. Check continuity between BCM harness connector and ground.

BCM		Ground	Continuity
Connector	Terminal		
M18	32		No

Is the inspection result normal?

- YES >> Replace A/C auto amp. Refer to [HAC-92, "Removal and Installation"](#).
 NO >> Repair or replace harness.

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REAR WINDOW DEFOGGER SWITCH

< DTC/CIRCUIT DIAGNOSIS >

8. CHECK REAR WINDOW DEFOGGER RELAY GROUND CIRCUIT

CONSULT

1. Select "REAR DEFOGGER" of "BCM".
2. Select "REAR DEFOGGER" in "Active Test" mode.
3. Turn rear defogger active test ON and OFF.
4. Check voltage between fuse block (J/B) connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)	
Fuse block (J/B)					
Connector	Terminal				
M4	6P	Ground	Rear defogger active test	ON	0
			OFF	Battery voltage	

Is the inspection result normal?

YES >> GO TO 11.

NO >> GO TO 9.

9. CHECK REAR WINDOW DEFOGGER RELAY CIRCUIT

Check voltage between fuse block (J/B) connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)	
Fuse block (J/B)					
Connector	Terminal				
M4	6P	Ground	Rear window defogger switch	ON	0
			OFF	Battery voltage	

Is the inspection result normal?

YES >> Replace rear window defogger relay.

NO >> GO TO 10.

10. CHECK HARNESS CONTINUITY

1. Push ignition switch to OFF.
2. Disconnect BCM and fuse block (J/B).
3. Check continuity between BCM connector and fuse block (J/B) connector.

BCM		Fuse block (J/B)		Continuity
Connector	Terminal	Connector	Terminal	
M19	61	M4	6P	Yes

4. Check continuity between fuse block (J/B) connector and ground.

Fuse block (J/B)		Ground	Continuity
Connector	Terminal		
M4	6P		

Is the inspection result normal?

YES >> Perform rear window defogger relay component inspection. Refer to [DEF-24, "Component Inspection"](#). If OK, replace BCM. Refer to [BCS-79, "Removal and Installation"](#).

NO >> Repair or replace harness.

11. CHECK REAR WINDOW DEFOGGER RELAY

Check rear window defogger relay. Refer to [DEF-24, "Component Inspection"](#).

Is the inspection result normal?

YES >> GO TO 12.

NO >> Replace rear window defogger relay.

REAR WINDOW DEFOGGER SWITCH

< DTC/CIRCUIT DIAGNOSIS >

12. CHECK INTERMITTENT INCIDENT

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

Is the inspection result normal?

- YES >> Check the following:
- Battery power supply circuit
 - Fuse block (J/B)
- NO >> Repair or replace the malfunctioning parts.

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REAR WINDOW DEFOGGER RELAY

< DTC/CIRCUIT DIAGNOSIS >

REAR WINDOW DEFOGGER RELAY

Component Function Check

INFOID:0000000012875588

1. CHECK REAR WINDOW DEFOGGER RELAY POWER SUPPLY CIRCUIT

Check that an operation noise of rear window defogger relay [located in fuse block (J/B)] can be heard when turning the rear window defogger switch ON.

Is the inspection result normal?

- YES >> Rear window defogger relay power supply circuit is OK.
- NO >> Refer to [DEF-24, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:0000000012875589

Regarding Wiring Diagram information, refer to [DEF-11, "Wiring Diagram"](#).

1. CHECK REAR WINDOW DEFOGGER RELAY GROUND CIRCUIT

1. Turn ignition switch ON.
2. Check voltage between BCM connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)	
BCM					
Connector	Terminal				
M19	61	Ground	Rear window defogger switch	ON	0
				OFF	Battery voltage

Is the inspection result normal?

- YES >> Rear window defogger power supply circuit is OK.
- NO >> GO TO 2.

2. CHECK HARNESS CONTINUITY

1. Turn ignition switch OFF.
2. Disconnect BCM and fuse block (J/B).
3. Check continuity between BCM connector and fuse block (J/B) connector.

BCM		Fuse block (J/B)		Continuity
Connector	Terminal	Connector	Terminal	
M19	61	M4	6P	Yes

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace harness.

3. CHECK REAR WINDOW DEFOGGER RELAY

Check rear window defogger relay. Refer to [DEF-24, "Component Inspection"](#).

Is the inspection result normal?

- YES >> Check intermittent incident. Refer to [GI-42, "Intermittent Incident"](#).
- NO >> Replace rear window defogger relay.

Component Inspection

INFOID:0000000012875590

1. CHECK REAR WINDOW DEFOGGER RELAY

REAR WINDOW DEFOGGER RELAY

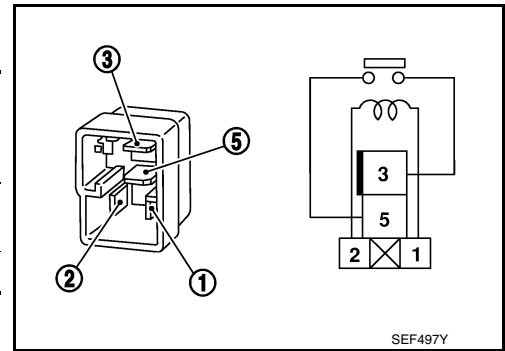
< DTC/CIRCUIT DIAGNOSIS >

Check rear window defogger relay.

Terminal		Condition	Continuity
Rear window defogger relay			
3	5	12 V direct current supply between terminals 1 and 2	Yes
		No current supply	No

Is the inspection result normal?

- YES >> Inspection End.
- NO >> Replace rear window defogger relay.



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REAR WINDOW DEFOGGER POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

REAR WINDOW DEFOGGER POWER SUPPLY AND GROUND CIRCUIT

Component Function Check

INFOID:000000012875591

1. CHECK REAR WINDOW DEFOGGER

Check that the rear window defogger heating wire is heated when the rear window defogger switch is turned ON.

Is the inspection result normal?

- YES >> Rear window defogger is OK.
NO >> Refer to [DEF-26, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012875592

Regarding Wiring Diagram information, refer to [DEF-11, "Wiring Diagram"](#).

1. CHECK FUSES

Check if any of the following fuses in fuse block (J/B) are blown.

Component	Capacity	Fuse No.
Fuse block (J/B)	15 A	23
	15 A	24

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace the blown fuse after repairing the affected circuit.

2. CHECK POWER SUPPLY CIRCUIT

- Turn ignition switch ON.
- Check voltage between rear window defogger connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)
Connector	Terminal			
D571	1	Ground	Rear window defogger switch	ON Battery voltage
			OFF 0	

Is the inspection result normal?

- YES >> GO TO 3.
NO >> GO TO 4.

3. CHECK GROUND CIRCUIT

- Turn ignition switch OFF.
- Disconnect rear window defogger connector.
- Check continuity between rear window defogger connector and ground.

Rear window defogger		Ground	Continuity
Connector	Terminal		
D570	2		Yes

Is the inspection result normal?

- YES >> GO TO 5.
NO >> Repair or replace harness.

REAR WINDOW DEFOGGER POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

4. CHECK POWER SUPPLY CIRCUIT

1. Turn ignition switch ON.
2. Disconnect rear window defogger condenser connector.
3. Check voltage between rear window defogger condenser connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)	
Connector	Terminal				
D569	1	Ground	Rear window defogger switch	ON OFF	Battery voltage 0

Is the inspection result normal?

- YES >> Replace rear window defogger condenser. Refer to [DEF-41, "Removal and Installation"](#).
NO >> Repair or replace harness.

5. CHECK FILAMENT

Check filament. Refer to [DEF-27, "Component Inspection"](#).

Is the inspection result normal?

- YES >> Refer to [GI-42, "Intermittent Incident"](#).
NO >> Repair filament. Refer to [DEF-39, "Inspection and Repair"](#).

Component Inspection

INFOID:0000000012875593

1. CHECK FILAMENT

Check the filament for damage or open circuits. Refer to [DEF-39, "Inspection and Repair"](#).

Is the inspection result normal?

- YES >> Inspection End.
NO >> Repair filament. Refer to [DEF-39, "Inspection and Repair"](#).

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DOOR MIRROR DEFOGGER LH

< DTC/CIRCUIT DIAGNOSIS >

DOOR MIRROR DEFOGGER LH

Component Function Check

INFOID:000000012875594

1. CHECK DOOR MIRROR DEFOGGER LH

Check that the door mirror defogger LH heating wire is heated when the rear window defogger switch is turned ON.

Is the inspection result normal?

- YES >> Door mirror defogger is OK.
- NO >> Refer to [DEF-28, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012875595

Regarding Wiring Diagram information, refer to [DEF-11, "Wiring Diagram"](#).

1. CHECK POWER SUPPLY

Check if the following fuse in the fuse block (J/B) is blown.

Component	Capacity	Fuse No.
Fuse block (J/B)	10 A	22

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Replace the blown fuse after repairing the affected circuit.

2. CHECK DOOR MIRROR DEFOGGER POWER SUPPLY CIRCUIT

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

(+) Door mirror LH		(-)	Condition	Voltage (V) (Approx.)	
Connector	Terminal				
D4	5	Ground	Rear window defogger switch	ON	Battery voltage
				OFF	0

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace harness.

3. CHECK DOOR MIRROR DEFOGGER GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between door mirror LH connector and ground.

Door mirror LH		Ground	Continuity
Connector	Terminal		
D4	17		Yes

Is the inspection result normal?

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

4. CHECK DOOR MIRROR DEFOGGER LH

DOOR MIRROR DEFOGGER LH

< DTC/CIRCUIT DIAGNOSIS >

Check door mirror defogger LH. Refer to [DEF-29, "Component Inspection"](#).

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace door mirror. Refer to [MIR-21, "Removal and Installation"](#).

5. CHECK INTERMITTENT INCIDENT

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

Is the inspection result normal?

YES >> Check the following:

- Battery power supply circuit
- Fuse block (J/B)

NO >> Repair or replace the malfunctioning parts.

Component Inspection

INFOID:000000012875596

1. CHECK DOOR MIRROR DEFOGGER

1. Turn ignition switch OFF.
2. Disconnect door mirror LH.
3. Check continuity between door mirror terminals.

Terminal		Continuity
5	17	Yes

Is the inspection result normal?

YES >> Check the condition of the harness and the connector.

NO >> Replace malfunctioning door mirror LH. Refer to [MIR-21, "Removal and Installation"](#).

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DOOR MIRROR DEFOGGER RH

< DTC/CIRCUIT DIAGNOSIS >

DOOR MIRROR DEFOGGER RH

Component Function Check

INFOID:0000000012875597

1. CHECK DOOR MIRROR DEFOGGER RH

Check that the door mirror defogger RH heating wire is heated when the rear window defogger switch is turned ON.

Is the inspection result normal?

- YES >> Door mirror defogger RH is OK.
- NO >> Refer to [DEF-30, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:0000000012875598

Regarding Wiring Diagram information, refer to [DEF-11, "Wiring Diagram"](#).

1. CHECK POWER SUPPLY

Check if the following fuse in the fuse block (J/B) is blown.

Component	Capacity	Fuse No.
Fuse block (J/B)	10 A	22

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Replace the blown fuse after repairing the affected circuit.

2. CHECK DOOR MIRROR DEFOGGER POWER SUPPLY CIRCUIT

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

(+) Door mirror RH		(-)	Condition	Voltage (V) (Approx.)
Connector	Terminal			
D107	5	Ground	Rear window defogger switch	ON Battery voltage
				OFF 0

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace harness.

3. CHECK DOOR MIRROR DEFOGGER GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between door mirror RH connector and ground.

Door mirror RH		Ground	Continuity
Connector	Terminal		
D107	17		Yes

Is the inspection result normal?

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

4. CHECK DOOR MIRROR DEFOGGER RH

DOOR MIRROR DEFOGGER RH

< DTC/CIRCUIT DIAGNOSIS >

Check door mirror defogger RH. Refer to [DEF-31, "Component Inspection"](#).

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace door mirror. Refer to [MIR-21, "Removal and Installation"](#).

5. CHECK INTERMITTENT INCIDENT

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

Is the inspection result normal?

YES >> Check the following:

- Battery power supply circuit
- Fuse block (J/B)

NO >> Repair or replace the malfunctioning parts.

Component Inspection

INFOID:000000012875599

1. CHECK DOOR MIRROR DEFOGGER

1. Turn ignition switch OFF.
2. Disconnect door mirror RH.
3. Check continuity between door mirror terminals.

Terminal		Continuity
5	17	Yes

Is the inspection result normal?

YES >> Check the condition of the harness and the connector.

NO >> Replace malfunctioning door mirror RH. Refer to [MIR-21, "Removal and Installation"](#).

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DEFOGGER SYSTEM SYMPTOMS

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

DEFOGGER SYSTEM SYMPTOMS

Symptom Table

INFOID:0000000012875600

Symptom	Reference page
Rear window defogger and door mirror defoggers do not operate.	Refer to DEF-33, "Diagnosis Procedure" .
Rear window defogger does not operate but both of the door mirror defoggers operate.	Refer to DEF-34, "Diagnosis Procedure" .
Both door mirror defoggers don't operate but rear window defogger operates.	Refer to DEF-35, "Diagnosis Procedure" .
Driver side door mirror defogger does not operate.	Refer to DEF-36, "Diagnosis Procedure" .
Passenger side door mirror defogger does not operate.	Refer to DEF-37, "Diagnosis Procedure" .
Rear window defogger switch does not light, but rear window defogger operates.	Refer to DEF-38, "Diagnosis Procedure" .

REAR WINDOW DEFOGGER AND DOOR MIRROR DEFOGGERS DO NOT OPERATE

< SYMPTOM DIAGNOSIS >

REAR WINDOW DEFOGGER AND DOOR MIRROR DEFOGGERS DO NOT OPERATE

Diagnosis Procedure

INFOID:000000012875601

1. CHECK REAR WINDOW DEFOGGER SWITCH

Check rear window defogger switch.

Refer to [DEF-20. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2. CHECK REAR WINDOW DEFOGGER RELAY

Check rear window defogger relay.

Refer to [DEF-24. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

3. CHECK REAR WINDOW DEFOGGER POWER SUPPLY AND GROUND CIRCUIT

Check rear window defogger power supply and ground circuit.

Refer to [DEF-26. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace the malfunctioning parts.

4. CHECK DOOR MIRROR DEFOGGER

Check door mirror defogger.

Refer to [DEF-28. "Diagnosis Procedure"](#) (LH) or [DEF-30. "Diagnosis Procedure"](#) (RH).

Is the inspection result normal?

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

NO >> Repair or replace the malfunctioning parts.

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REAR WINDOW DEFOGGER DOES NOT OPERATE BUT BOTH DOOR MIRROR DEFOGGERS OPERATE

< SYMPTOM DIAGNOSIS >

REAR WINDOW DEFOGGER DOES NOT OPERATE BUT BOTH DOOR MIRROR DEFOGGERS OPERATE

Diagnosis Procedure

INFOID:000000012875602

1. CHECK REAR WINDOW DEFOGGER POWER SUPPLY AND GROUND CIRCUIT

Check rear window defogger power supply and ground circuit.

Refer to [DEF-26, "Component Function Check"](#).

Is the inspection result normal?

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

NO >> Repair or replace the malfunctioning parts.

BOTH DOORS MIRROR DEFOGGER DON'T OPERATE BUT REAR WINDOW DEFOGGER OPERATES

< SYMPTOM DIAGNOSIS >

BOTH DOORS MIRROR DEFOGGER DON'T OPERATE BUT REAR WINDOW DEFOGGER OPERATES

Diagnosis Procedure

INFOID:000000012875603

Regarding Wiring Diagram information, refer to [DEF-11, "Wiring Diagram"](#).

1. CHECK DOOR MIRROR DEFOGGER FUSE

Check if the following fuse in fuse block (J/B) is blown.

Component	Capacity	Fuse No.
Fuse block (J/B)	10 A	22

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace the blown fuse after repairing the affected circuit.

2. CHECK DOOR MIRROR DEFOGGER CIRCUIT

- Turn ignition switch OFF.
- Disconnect the following harness connectors:
 - Fuse block (J/B) connector M4
 - Door mirror LH D4
 - Door mirror RH D107
- Check continuity between fuse block (J/B) harness connector and door mirror defogger harness connectors.

Fuse block (J/B) connector	Terminal	Door mirror connectors	Terminal	Continuity
M4	5P	D4 (LH)	5	Yes
		D107 (RH)		

- Check continuity between fuse block (J/B) harness connector M4 terminal 5P and ground.

Fuse block (J/B) connector	Terminal	Ground	Continuity
M4	5P		No

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace harness.

3. CHECK DOOR MIRROR DEFOGGER

Check door mirror LH.

Refer to [DEF-28, "Component Function Check"](#).

Check door mirror RH.

Refer to [DEF-30, "Component Function Check"](#).

Is the inspection result normal?

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

NO >> Repair or replace the malfunctioning parts.

DRIVER SIDE DOOR MIRROR DEFOGGER DOES NOT OPERATE.

< SYMPTOM DIAGNOSIS >

DRIVER SIDE DOOR MIRROR DEFOGGER DOES NOT OPERATE.

Diagnosis Procedure

INFOID:000000012875604

1. CHECK DOOR MIRROR DEFOGGER LH

Check door mirror defogger LH.

Refer to [DEF-28, "Component Function Check"](#).

Is the inspection result normal?

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

NO >> Repair or replace the malfunctioning parts.

PASSENGER SIDE DOOR MIRROR DEFOGGER DOES NOT OPERATE.

< SYMPTOM DIAGNOSIS >

PASSENGER SIDE DOOR MIRROR DEFOGGER DOES NOT OPERATE.

Diagnosis Procedure

INFOID:000000012875605

1. CHECK DOOR MIRROR DEFOGGER RH

Check door mirror defogger RH.

Refer to [DEF-30, "Component Function Check"](#).

Is the inspection result normal?

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

NO >> Repair or replace the malfunctioning parts.

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REAR WINDOW DEFOGGER SWITCH DOES NOT LIGHT, BUT REAR WINDOW DEFOGGER OPERATES

< SYMPTOM DIAGNOSIS >

REAR WINDOW DEFOGGER SWITCH DOES NOT LIGHT, BUT REAR WINDOW DEFOGGER OPERATES

Diagnosis Procedure

INFOID:000000012875606

1. CHECK A/C SWITCH ASSEMBLY (REAR WINDOW DEFOGGER SWITCH)

Check that A/C switch assembly (rear window defogger switch) is operating normally.

Is the inspection result normal?

- YES >> Check intermittent incident. Refer to [GI-42, "Intermittent Incident"](#).
- NO >> Check rear window defogger switch. Refer to [DEF-20, "Diagnosis Procedure"](#).

FILAMENT

< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

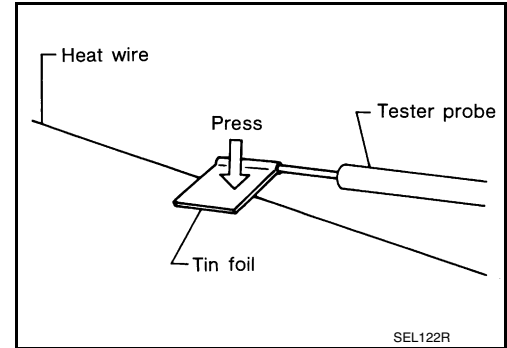
FILAMENT

Inspection and Repair

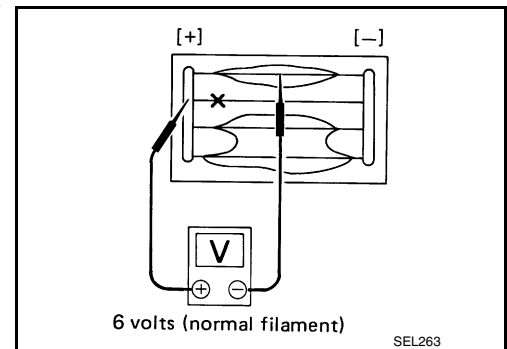
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INSPECTION

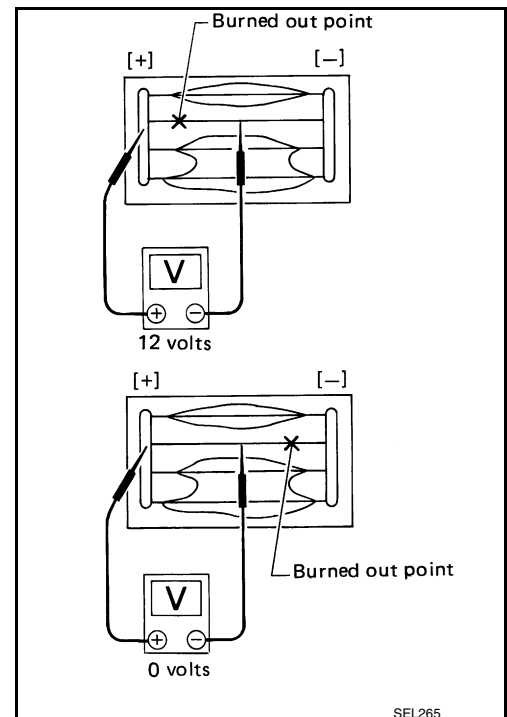
1. When measuring voltage, wrap tin foil around the top of the negative probe. Then press the foil against the wire with your finger.



2. Attach probe circuit tester (in Volt range) to middle portion of each filament.



3. If a filament is burned out, circuit tester registers 0 or battery voltage.
4. To locate burned out point, move probe to left and right along filament. Test needle will swing abruptly when probe passes the point.



REPAIR

REPAIR EQUIPMENT

- Conductive silver composition (Dupont No. 4817 or equivalent)

A
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DEF
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FILAMENT

< REMOVAL AND INSTALLATION >

- Ruler 30 cm (11.8 in) long
- Drawing pen
- Heat gun
- Alcohol
- Cloth

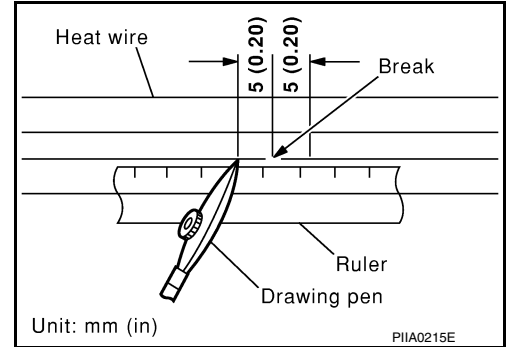
REPAIRING PROCEDURE

1. Wipe broken heat wire and its surrounding area clean with a cloth dampened in alcohol.
2. Apply a small amount of conductive silver composition to tip of drawing pen.

NOTE:

Shake silver composition container before use.

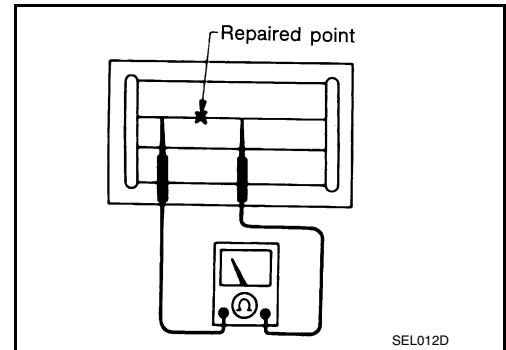
3. Place ruler on glass along broken line. Deposit conductive silver composition on break with drawing pen. Slightly overlap existing heat wire on both sides [preferably 5 mm (0.20 in)] of the break.



4. After repair has been completed, check repaired wire for continuity. This check should be conducted 10 minutes after silver composition is deposited.

CAUTION:

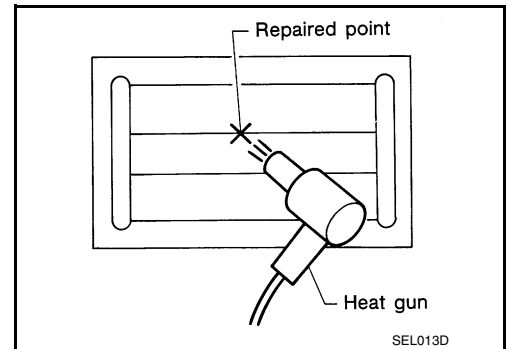
Do not touch repaired area while test is being conducted.



5. Apply a constant stream of hot air directly to the repaired area for approximately 20 minutes with a heat gun. A minimum distance of 3 cm (1.2 in) should be kept between repaired area and hot air outlet.

NOTE:

If a heat gun is not available, let the repaired area dry for 24 hours.



CONDENSER

< REMOVAL AND INSTALLATION >

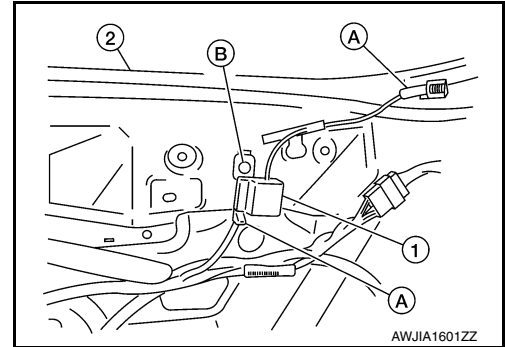
CONDENSER

Removal and Installation

INFOID:000000012875608

REMOVAL

1. Remove the back door lower finisher. Refer to [INT-34. "BACK DOOR LOWER FINISHER : Removal and Installation"](#).
2. Disconnect the harness connectors (A) from the condenser (1).
3. Remove the bolt (B) and the condenser from the back door (2).



INSTALLATION

Installation is in the reverse order of removal.

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DEF
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