

TROUBLESHOOTING

PROBLEM SYMPTOMS TABLE

The table below will be useful for you in troubleshooting these electrical problems. The most likely causes of the malfunction are shown in the order of their probability. Inspect each part in the order shown, and replace the part when it is found to be faulty.

POWER OUTLET

Symptom	Suspect Area	See page
Electric power source cannot be taken out of the power outlet	1. Battery 2. RR CIG Fuse (Instrument panel J/B) 3. Wire Harness	

IGNITION SWITCH:

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
Ignition switch is not set to each position.	1. Ignition switch 2. Power source circuit	BE-33 BE-23

KEY UNLOCK WARNING SWITCH:

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
Key unlock warning system does not operate. (The buzzer does not sound when the driver's door is opened with the ignition OFF and key inserted)	1. Key Unlock Warning Switch 2. Door Courtesy Switch 3. Driver Door ECU 4. Multiplex Communication Circuit 5. Body ECU 6. Wire Harness	BE-33 BE-70 DI-727 DI-838 DI-661
Key unlock warning system does not operate. (The buzzer sounds when the ignition key is ACC or ON)	1. Ignition Switch 2. RADIO No.2 Fuse (Instrument Panel J/B) 3. GAUGE Fuse (Instrument Panel J/B) 4. Wire Harness	BE-33

HEADLIGHT AND TAILLIGHT SYSTEM:

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

HINT:

To inspect the bulb and light control ECU, replace them with the ones working normally and judge whether they work normally or not.

(AUTOMATIC LIGHT CONTROL SYSTEM)

Symptom	Suspect Area	See page
"Automatic light control system" does not operate.	1. ECU-IG Fuse (Instrument Panel J/B) 2. DOME Fuse (Engine Room J/B) 3. Automatic Light Control Sensor 4. Light Control Switch 5. Door Courtesy Switch 6. Body ECU 7. Driver Door ECU 8. Wire Harness	BE-38 BE-38 BE-70 DI-661 DI-727

(AUTO TURN OFF SYSTEM)

Symptom	Suspect Area	See page
Auto turn-off system does not operate when the driver's door is opened.	1. Drivers Door Courtesy Switch 2. Driver Door ECU 3. Multiplex Communication Circuit 4. Body ECU	BE-70 DI-727 DI-838 DI-661
Headlight and taillight does not come on.	1. Body ECU 2. Wire Harness	DI-661
Headlight and taillight stays on.	1. Body ECU 2. Wire Harness	DI-661

(USA)

Symptom	Suspect Area	See page
Only one headlight comes on. (Headlight main)	1. H-LP Fuse (LH-LWR) (Engine Room No.1 R/B) 2. H-LP Fuse (RH-LWR) (Engine Room No.1 R/B) 3. Headlight Main Bulb 4. *Light Control ECU 5. Wire Harness	BE-38
Only one headlight comes on. (Headlight sub)	1. H-LP Fuse (LH-UPR) (Engine Room J/B) 2. H-LP Fuse (RH-UPR) (Engine Room J/B) 3. Headlight Sub Bulb 4. *Light Control ECU 5. Wire Harness	BE-38
"LO-Beam" does not light.	1. H-LP Fuse (LH-LWR) (Engine Room No.1 R/B) 2. H-LP Fuse (RH-LWR) (Engine Room No.1 R/B) 3. Headlight Dimmer Relay (Engine Room J/B) 4. Headlight Dimmer Switch 5. Headlight Main Bulb 6. *Light Control ECU 7. Wire Harness	BE-38 BE-38 BE-38
"HI-Beam" does not light. (Headlight main and sub)	1. H-LP Fuse (LH-UPR) (Engine Room J/B) 2. H-LP Fuse (RH-UPR) (Engine Room J/B) 3. Headlight Dimmer Relay (Engine Room J/B) 4. Headlight Dimmer Switch 5. *Light Control ECU 6. Wire Harness	BE-38 BE-38 BE-38
"HI-Beam" does not light. (Headlight main or sub)	1. Headlight Main or Sub Bulb 2. *Light Control ECU 3. Wire Harness	BE-38
"Flash" does not light. (Headlight main and sub)	1. H-LP Fuse (LH-UPR) (Engine Room J/B) 2. H-LP Fuse (RH-UPR) (Engine Room J/B) 3. Headlight Dimmer Relay (Engine Room J/B) 4. Headlight Dimmer Switch 5. *Light Control ECU 6. Wire Harness	BE-38 BE-38 BE-38
"Flash" does not light. (Headlight main or sub)	1. Headlight Main or Sub Bulb 2. *Light Control ECU 3. Wire Harness	BE-38
Headlight does not come on. (Headlight main and sub)	1. Headlight Control Relay (Engine Room J/B) 2. Headlight Dimmer Relay (Engine Room J/B) 3. Light Control Switch 4. Body ECU 5. *Light Control ECU 6. Wire Harness	BE-38 BE-38 BE-38 DI-661 BE-38

BODY ELECTRICAL – TROUBLESHOOTING

Headlight does not come on. (Headlight main or sub)	1. Headlight Main or Sub 2. *Light Control ECU 3. Wire Harness	BE-38
Headlight is flicker.	1. Headlight Main or Sub Bulb 2. Headlight Dimmer Relay (Engine Room J/B) 3. *Light Control ECU 4. Wire Harness	BE-38 BE-38
Headlight is dark.	1. Headlight Main or Sub Bulb 2. *Light control ECU 3. Wire Harness	BE-38
Only one taillight comes on.	1. Taillight Bulb 2. Wire Harness	
Taillight does not come on. (Headlight is normal)	1. TAIL Fuse (Instrument Panel J/B) 2. GAUGE Fuse (Instrument Panel J/B) 3. Taillight Control Relay (Instrument Panel J/B) 4. Light Failure Sensor 5. Light Control Switch 6. Body ECU 7. Wire Harness	BE-38 BE-76 BE-38 DI-661
Taillight does not come on. (Headlight does not light)	1. Light Control Switch 2. Wire Harness	BE-38
Rear combination light does not come on.	1. Light Failure Sensor 2. Wire Harness 3. Bulb	BE-76

*: HID Type

CANADA:

Symptom	Suspect Area	See page
Only one headlight comes on. (Headlight main)	1. H-LP Fuse (LH) (Engine Room R/B No.1) 2. H-LP Fuse (RH) (Engine Room R/B No.1) 3. Headlight Main Bulb 4. *Light Control ECU 5. Wire Harness	BE-38
Only one headlight comes on. (Headlight sub RH)	1. H-LP Fuse (LH-UPR) (Engine Room J/B) 2. H-LP Fuse (RH-UPR) (Engine Room J/B) 3. Daytime Running Light No.3 Relay 4. Headlight Sub Bulb 5. *Light Control ECU 6. Wire Harness	BE-38 BE-38
Only one headlight comes on. (Headlight sub LH)	1. H-LP Fuse (LH-UPR) (Engine Room J/B) 2. H-LP Fuse (RH-UPR) (Engine Room J/B) 3. Headlight Sub Bulb 4. *Light Control ECU 5. Wire Harness	BE-38
"LO-Beam" does not light (All). (Headlight main)	1. Headlight Dimmer Switch 2. *Light Control ECU 3. Wire Harness	BE-38 BE-38
"LO-Beam" does not light (One side). (Headlight main)	1. Headlight Main Bulb 2. *Light Control ECU 3. Wire Harness	BE-38
"HI-Beam" does not light (All). (Headlight main)	1. Headlight Dimmer Switch 2. *Light Control ECU 3. Wire Harness	BE-38 BE-38

"HI-Beam" does not light (One side). (Headlight main)	1. Headlight Main Bulb 2. *Light Control ECU 3. Wire Harness	BE-38
"Flash" does not light. (Headlight main)	1. Headlight Dimmer Switch 2. *Light Control ECU 3. Wire Harness	BE-38 BE-38
Headlight does not come on. (Headlight main)	1. Headlight Control Relay (Engine Room J/B) 2. Daytime Running Light Relay 3. Headlight Dimmer Switch 4. Light Control Switch 5. Body ECU 6. Wire Harness 7. *Light Control ECU 8. Headlight Main Bulb	BE-38 BE-38 BE-38 BE-38 DI-661 BE-38
Headlight does not come on. (Headlight sub)	1. Headlight Dimmer Relay (Engine Room J/B) 2. Daytime Running Light Relay 3. Daytime Running Light No.4 Relay 4. *Light Control ECU 5. Wire Harness	BE-38 BE-38 BE-38 BE-38
Headlight does not come on with light control switch in HEAD. (Headlight main)	1. Light Control Switch 2. Body ECU 3. *Light Control ECU 4. Wire Harness	BE-38 DI-661 BE-38
Headlight does not go out with light control switch in OFF. (Headlight main)	1. Headlight Control Relay (Engine Room J/B) 2. *Light Control ECU 3. Wire Harness	BE-38 BE-38
Headlight is flicker.	1. Headlight Main or sub Bulb 2. Headlight Dimmer Relay (Engine Room J/B) 3. *Light Control ECU 4. Wire Harness	BE-38 BE-38
Headlight is dark.	1. Headlight Main or Sub Bulb 2. *Light control ECU 3. Wire Harness	BE-38
Taillight does not come on with light control switch in TAIL. (Headlight main)	1. Taillight Control Relay (Instrument Panel J/B) 2. Light Control Switch 3. Wire Harness	BE-38 BE-38
Taillight does not go out with light control switch in OFF. (Headlight main)	1. Taillight Control Relay (Instrument Panel J/B) 2. Light Control Switch 3. Wire Harness	BE-38 BE-38
Headlight do not come on with engine running and light control switch in OFF. (Headlight main)	1. ECU-B Fuse (Engine Room J/B) 2. GAUGE Fuse (Instrument Panel J/B) 3. DRL Fuse (Engine Room R/B No.1) 4. Daytime Running Light Relay 5. Daytime Running Light No.3 and No.4 Relay 6. Body ECU 7. Generator L Terminal 8. Parking Brake Switch 9. Brake Fluid Level Warning Switch 10. *Light Control ECU 11. Wire Harness	BE-38 BE-38 DI-661 BE-98 BE-98 BE-38

*: HID Type

HEADLIGHT BEAM LEVEL CONTROL SYSTEM

Symptom	Suspect Area	See page
Beam axis is not controlled. (It is not initialized.) Headlight Beam Level Control System does not operate.	1. PWR-IG Fuse (Engine Room J/B) 2. Headlight Beam Level Control Actuator 3. Headlight Beam Level Control ECU 4. Wire Harness Side	BE-52 BE-52
Beam axis is not controlled. (It is initialized.) Headlight Beam Level Control System does not operate.	1. Headlight Beam Level Control ECU 2. Power Source Circuit 3. Height Control Sensor 4. Suspension ECU 5. Headlight Beam Level Control ECU 6. Wire Harness Side	BE-52 BE-19 DI-251 IN-32 BE-52
Controlled angle of head light is unusual. (The angle is controlled.)	1. Height Control Sensor 2. Suspension ECU 3. Headlights 4. Wire Harness Side	DI-251 IN-32
Beam axis position is not stable during driving.	1. ABS System 2. Headlights 3. Wire Harness Side	

FOG LIGHT SYSTEM

Symptom	Suspect Area	See page
Fog light does not light up with light control SW HEAD (Headlight is normal.)	1. FOG Fuse (Instrument Panel J/B) 2. Fog Light Relay (Instrument Panel J/B) 3. Fog Light Switch 4. Wire Harness	BE-56 BE-38
Fog light does not light up with light control SW HEAD (Headlight does not light).	1. *1 Other Parts 2. Wire Harness	
Only one light does not light up.	1. Bulb 2. Wire Harness	

*1: Inspect Headlight System

TURN SIGNAL AND HAZARD WARNING SYSTEM

Symptom	Suspect Area	See page
"Hazard" and "Turn" do not light up.	1. Hazard Warning Switch 2. Turn Signal Switch 3. Turn Signal Flasher 4. Wire Harness	BE-59 BE-38 BE-59
The flashing frequency is abnormal.	1. Bulb 2. Turn Signal Switch 3. Wire Harness	BE-38
Hazard warning light does not light up. (Turn is normal)	1. HAZ Fuse (Engine Room J/B) 2. Wire Harness	
Hazard warning light does not light up in one direction.	1. Hazard Warning Switch 2. Wire Harness	BE-59
*1 Turn signal does not light up.	1. Ignition Switch 2. TURN Fuse (Instrument Panel J/B) 3. Turn Signal Switch 4. Wire Harness	BE-33 BE-38
*2 Turn signal does not light up.	1. TURN Fuse (Instrument Panel J/B) 2. Turn Signal Switch 3. Wire Harness	BE-38

Turn signal does not light up in one direction.	1. Turn Signal Switch 2. Wire Harness	BE-38
Only one bulb does not light up.	1. Bulb 2. Wire Harness	

*1: Combination Meter, Wiper and Washer do not operate.

*2: Combination Meter, Wiper and Washer are normal.

ILLUMINATION LIGHT SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
Illumination light do not light. (Taillight is normal)	1. PANEL Fuse (Instrument Panel J/B) 2. Rheostat Light Control 3. Wire Harness	BE-62
Illumination light do not light. (Taillight does not light)	1. Taillight Control Relay (Instrument Panel J/B) 2. Taillight System 3. Rheostat Light Control 4. Wire Harness 5. PANEL Fuse (Instrument Panel J/B)	BE-38 BE-38 BE-62
Only one light does not light.	1. Bulb 2. Wire Harness	

INTERIOR LIGHT SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
All the lights do not come ON.	1. DOME Fuse (Engine Room J/B) 2. DOME Fuse (Engine Room J/B) 3. Body ECU	DI-661
The light does not come ON when the driver's door is opened.	1. Driver's Door Courtesy Switch 2. Driver Door ECU 3. Multiplex Communication Circuit 4. Body ECU 5. Wire Harness	BE-70 DI-727 DI-838 DI-661
The light does not come ON when the passenger's door is opened.	1. Passenger's Door Courtesy Switch 2. Front Passenger Door ECU 3. Multiplex Communication Circuit 4. Body ECU 5. Wire Harness	BE-70 DI-760 DI-838 DI-661
The light does not come on when the rear-right door is opened.	1. Rear-Right Door Courtesy Switch 2. Body ECU 3. Wire Harness	BE-70 DI-661
The light does not come on when the rear-left door is opened.	1. Rear-Left Door Courtesy Switch 2. Body ECU 3. Wire Harness	BE-70 DI-661
Only one of the bulbs comes ON.	1. Bulb	
The illumination does not fade out when all the doors are closed.	1. Courtesy Switch 2. Driver Door ECU 3. Front Passenger Door ECU 4. Multiplex Communication Circuit 5. Body ECU 6. Wire Harness	BE-70 DI-727 DI-760 DI-838 DI-661

BODY ELECTRICAL – TROUBLESHOOTING

The illumination does not fade out immediately when the ignition switch is turned to ACC or ON within 15 seconds after all the doors are closed.	<ol style="list-style-type: none"> 1. Ignition Switch 2. RADIO NO.2 Fuse (Instrument Panel J/B) 3. GAUGE Fuse (Instrument Panel J/B) 4. Body ECU 5. Wire Harness 	<p>BE-33</p> <p>DI-661</p>
The illumination does not fade out immediately when all the doors are locked within 15 seconds after they are closed.	<ol style="list-style-type: none"> 1. Door Unlock Detection Switch 2. Driver Door ECU 3. Front Passenger Door ECU 4. Multiplex Communication Circuit 5. Body ECU 6. Wire Harness 	<p>BE-139</p> <p>DI-727</p> <p>DI-760</p> <p>DI-838</p> <p>DI-661</p>
Interior light does not light up. (in front personal light)	<ol style="list-style-type: none"> 1. Bulb 2. Front Personal Light 3. Wire Harness 	BE-70
Front personal light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Front Personal Light 3. Wire Harness 	BE-70
Rear personal light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Rear Personal Light 3. Wire Harness 	BE-70
Vanity light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Vanity Light 3. Wire Harness 	BE-70
Luggage compartment light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Luggage Compartment Door Courtesy Switch 3. Wire Harness 	BE-70
Courtesy light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Door Courtesy Switch 3. Wire Harness 	BE-70

STOP LIGHT SYSTEM

Symptom	Suspect Area	See page
Stop light does not light up.	<ol style="list-style-type: none"> 1. STOP Fuse (Instrument Panel J/B) 2. Stop Light Switch 3. Light Failure Sensor 4. Wire Harness 	<p>BE-76</p> <p>BE-76</p>
Stop light always lights up.	<ol style="list-style-type: none"> 1. Stop Light Switch 2. Wire Harness 	BE-76
Only one light always lights up.	<ol style="list-style-type: none"> 1. Wire Harness 	
Only one light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Wire Harness 	

HEADLIGHT CLEANER SYSTEM

Symptom	Suspect Area	See page
"Headlight Cleaner System" does not operate (Using light control switch)	<ol style="list-style-type: none"> 1. Light control switch 2. Wire Harness 	BE-38
"Headlight Cleaner System" does not operate (When operating "Running Light System")	<ol style="list-style-type: none"> 1. Daytime Running Light Relay (Main) 2. Wire Harness 	BE-38

"Headlight Cleaner System" does not operate (All)	<ol style="list-style-type: none"> 1. AM1 H-Fuse 2. WIPER Fuse 3. Ignition Switch 4. Headlight Cleaner Switch 5. Headlight Cleaner Relay 6. Headlight Cleaner Motor 7. Headlight Cleaner Nozzle and Hose 8. Wire Harness 	BE-33 BE-79 BE-79 BE-79
Washer fluid does not spray	<ol style="list-style-type: none"> 1. Headlight Cleaner Nozzle and Hose 	

WIPER AND WASHER SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
Wiper and washers do not operate.	<ol style="list-style-type: none"> 1. WIPER Fuse (Instrument Panel J/B) 2. Wiper Switch 3. Wiper Motor 4. Body ECU 5. Wire Harness 	BE-82 BE-82 DI-661
Wipers do not operate in LO, HI or MIST.	<ol style="list-style-type: none"> 1. Wiper Switch 2. Wiper Motor 3. Wire Harness 	BE-82 BE-82
Wipers do not operate in INT.	<ol style="list-style-type: none"> 1. Wiper Switch 2. Wiper Motor 3. Body ECU 4. Wire Harness 	BE-82 BE-82 DI-661
Washer motor does not operate.	<ol style="list-style-type: none"> 1. Washer Switch 2. Washer Motor 3. Wire Harness 	BE-82 BE-82
Wipers do not operate when washer switch in ON.	<ol style="list-style-type: none"> 1. Washer Motor 2. Body ECU 3. Wire Harness 	BE-82 DI-661
Washer fluid does not operate.	<ol style="list-style-type: none"> 1. Washer Hose and Nozzle 	
<ul style="list-style-type: none"> ● When wiper switch is at HI position, the wiper blade is in contact with the body. ● When the wiper switch is OFF, the wiper blade does not retract or the retract position wrong. 	<ol style="list-style-type: none"> 1. Wiper Motor * 2. Wire harness * 3. Body ECU 	BE-82 DI-661

*: Inspect wiper arm and blade set position.

COMBINATION METER

Symptom	Suspect Area	See page
SRS warning light does not light up.	<ol style="list-style-type: none"> 1. MPX-B Fuse 2. Bulb 3. Meter Circuit Plate 4. Wire Harness 5. Airbag Sensor Assembly 	BE-86 DI-574
Hi-beam indicator light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. Headlight System 	BE-86 BE-36
Turn indicator light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. Turn Signal and Hazard Warning System 	BE-86 BE-58

BODY ELECTRICAL – TROUBLESHOOTING

ABS warning light does not light up.	<ol style="list-style-type: none"> 1. GAUGE Fuse 2. Bulb 3. Meter Circuit Plate 4. Wire Harness 5. ABS, TRAC and VSC ECU 	<p style="text-align: right;">BE-86</p> <p style="text-align: right;">DI-305</p>
TRAC warning light does not light up.	<ol style="list-style-type: none"> 1. GAUGE Fuse 2. Bulb 3. Meter Circuit Plate 4. Wire Harness 5. ABS, TRAC and VSC ECU 	<p style="text-align: right;">BE-86</p> <p style="text-align: right;">DI-364</p>
AIRSUS warning light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. Suspension ECU 	<p style="text-align: right;">BE-86</p> <p style="text-align: right;">IN-32</p>
Malfunction indicator light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. ECM 	<p style="text-align: right;">BE-86</p>
Fuel level warning light does not light up.	<ol style="list-style-type: none"> 1. Bulb 2. Fuel level warning switch 3. Meter Circuit Plate 4. Wire Harness 	<p style="text-align: right;">BE-98</p> <p style="text-align: right;">BE-86</p>

ELECTRIC TENSION REDUCER SYSTEM

Symptom	Suspect Area	See page
Tension Reducer does not operate. (Driver's and Passenger's)	<ol style="list-style-type: none"> 1. PWR-IG Fuse (Instrument Panel J/B) 2. Wire Harness 	
Tension Reducer does not operate. (Only one side)	<ol style="list-style-type: none"> 1. Buckle Switch 2. Tension Reducer Solenoid 3. Wire Harness 	<p style="text-align: right;">BE-113</p> <p style="text-align: right;">BE-113</p>

DEFOGGER SYSTEM

Symptom	Suspect Area	See page
All defogger systems do not operate.	<ol style="list-style-type: none"> 1. HTR Fuse (Instrument Panel J/B) 2. DEF H-Fuse (Engine Room J/B) 3. Defogger Switch 4. Defogger Relay (Engine Room J/B) 5. Wire Harness 	<p style="text-align: right;">BE-116</p> <p style="text-align: right;">BE-116</p>
Rear window defogger does not operate.	<ol style="list-style-type: none"> 1. Defogger Wire 2. Wire Harness 	<p style="text-align: right;">BE-116</p>
Mirror defogger does not operate.	<ol style="list-style-type: none"> 1. MIR-HTR Fuse (Engine Room J/B) 2. Mirror Defogger 3. Wire Harness 	<p style="text-align: right;">BE-116</p>

POWER WINDOW CONTROL SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
All the power windows do not operate. (Power Door Lock System is normal.)	<ol style="list-style-type: none"> 1. Power Window Master Switch 2. Wire Harness 	<p style="text-align: right;">BE-126</p>
Only the driver's window does not operate.	<ol style="list-style-type: none"> 1. Power Window Master Switch 2. Power Window Switch 3. Power Window Motor 4. Wire Harness 	<p style="text-align: right;">BE-126</p> <p style="text-align: right;">BE-126</p> <p style="text-align: right;">BE-126</p>
"Window lock function" does not operate.	<ol style="list-style-type: none"> 1. Power Window Master Switch 	<p style="text-align: right;">BE-126</p>

Window does not operate with power window master switch. (Manual or Automatic operation can be performed.)	TROUBLESHOOTING NO.1	BE-120
Remove control of all windows (Except driver's) does not functions with master switch. (Window operate normally with each of master switch.)	TROUBLESHOOTING NO.2	BE-120
The Key related power window operations does not operate with driver side door key cylinder. (Master switch operation is normal.)	TROUBLESHOOTING NO.3	BE-120
Power window does not operate with multi-function transmitter. (Windows operate normally with master switch.)	TROUBLESHOOTING NO.4	BE-120
Window moves down without being ordered during the up operation.	TROUBLESHOOTING NO.5	BE-120

POWER DOOR LOCK CONTROL SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
All the doors cannot be locked or unlocked.	1. Door Lock Control Switch 2. Driver Door ECU 3. Front Passenger Door ECU 4. Multiplex Communication Circuit 5. Body ECU 6. Wire Harness	BE-139 DI-727 DI-760 DI-838 DI-661
Only driver's side door lock control does not operate.	1. Driver Door ECU 2. Driver's Door Lock Motor 3. Wire Harness	DI-727 BE-139
Other doors than the driver's side door do not operate.	1. Driver Door ECU 2. Multiplex Communication Circuit 3. Body ECU 4. Wire Harness 5. Door Lock Motor	DI-727 DI-838 DI-661 BE-139
Door key related function does not operate.	1. Door Key Lock and Unlock Switch 2. Wire Harness	BE-139
Key confinement prevention function does not operate.	1. Key Unlock Warning Switch 2. Wire Harness 3. Body ECU	BE-33 DI-661
Luggage compartment door opener function does not operate.	1. Luggage Compartment Door Opener Switch 2. Luggage Compartment Door Key Lock and Unlock Switch 3. Luggage Compartment Door Opener Motor 4. Wire Harness 5. Body ECU	BE-139 BE-139 BE-139 DI-661

THEFT DETERRENT SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
The system cannot be set.	<ol style="list-style-type: none"> 1. Indicator Light 2. Key Unlock Warning Switch 3. Door Unlock Detection Switch 4. Engine Hood Courtesy Switch 5. Luggage Room Door Courtesy Switch 6. Wire Harness 7. Body ECU 8. Driver Door ECU 9. Multiplex Communication Circuit 10. Transmitter 	BE-151 BE-33 BE-139 BE-151 BE-70 DI-661 DI-727 DI-838
The system cannot be canceled when the ignition switch is turned to ACC with key.	<ol style="list-style-type: none"> 1. Key Unlock Warning Switch 2. Ignition Switch 3. Body ECU 4. RADIO NO.2 Fuse (Instrument panel J/B) 5. Wire Harness 	BE-33 BE-33 DI-661
The system cannot be canceled when the luggage compartment door is unlocked with key.	<ol style="list-style-type: none"> 1. Luggage Room Door Courtesy Switch 2. Body ECU 3. Wire Harness 	BE-70 DI-661
The system does not operate when the engine hood is opened.	<ol style="list-style-type: none"> 1. Engine Hood Courtesy Switch 2. Body ECU 3. Wire Harness 	BE-151 DI-661
The system does not operate when the door is opened or unlocked without using a key or transmitter.	<ol style="list-style-type: none"> 1. Door Courtesy Switch 2. Driver Door ECU 3. Front Passenger Door ECU 4. Body ECU 5. Multiplex Communication Circuit 6. Door Unlock Detection Switch 7. Wire Harness 8. Transmitter 	BE-70 DI-727 DI-760 DI-661 DI-838 BE-139
The system does not operate when the ignition switch is turned to ACC without using a key or transmitter.	<ol style="list-style-type: none"> 1. Ignition Switch 2. Key Unlock Warning Switch 3. Body ECU 4. Wire Harness 5. Transmitter 	BE-33 BE-33 DI-661
Some of the does not operate. (Headlight does not light up)	<ol style="list-style-type: none"> 1. Headlight System 2. Wire Harness 3. Body ECU 	BE-36 DI-661
Some of the system does not operate. (Taillight does not light up)	<ol style="list-style-type: none"> 1. Taillight System 2. Wire Harness 3. Body ECU 	BE-36 DI-661
Some of the system does not operate. (Theft deterrent horn or horn does not sound)	<ol style="list-style-type: none"> 1. Theft Deterrent Horn 2. Horn 3. Horn Relay 4. HORN Fuse (Engine Room J/B) 5. Wire Harness 6. Body ECU 	BE-151 BE-257 BE-257 DI-661

While the warning is given, the system cannot be canceled by unlocking the door with key or transmitter.	<ol style="list-style-type: none"> 1. Door Key Lock and Unlock Switch 2. Body ECU 3. Wire Harness 4. Driver Door ECU 5. Front Passenger Door ECU 6. Multiplex Communication Circuit 7. Transmitter 	BE-139 DI-661 DI-727 DI-760 DI-838
While the warning is given, the system cannot be canceled by turning the ignition switch to ON with key.	<ol style="list-style-type: none"> 1. Ignition Switch 2. Key Unlock Warning Switch 3. RADIO NO.2 Fuse (Instrument Panel J/B) 4. GAUGE Fuse (Instrument Panel J/B) 5. Body ECU 6. Wire Harness 	BE-33 BE-33 DI-661
The system operates for more than 60 seconds.	<ol style="list-style-type: none"> 1. Body ECU 	BE-33

WIRELESS DOOR LOCK CONTROL SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

- Whole wireless door lock control system does not operate.
 - Problem occurs only at a specific locality → Precheck type I (See page [BE-154](#))
 - Problem occurs everywhere → Precheck type II (See page [BE-154](#))
- Some functions of wireless door lock control system do not operate.

HINT:

- Troubleshooting of the wireless door lock control system is based on the premise that the door lock control system is operating normally. Accordingly, before troubleshooting the wireless door lock control system, first make certain that the door lock control system is operating normally.
- If the trouble still reappears even though there are no abnormalities in any of the other circuits, then check and replace the Wireless Door Lock Control Receiver as the last step.

Symptom	Suspect Area	See page
All functions of wireless door lock control system do not operate.	<ol style="list-style-type: none"> 1. Wireless Door Lock Control Receiver 2. Wire Harness 	BE-161
Wireless door lock operates, but the buzzer does not sound.	<ol style="list-style-type: none"> 1. Wireless Door Lock Buzzer 2. Wireless Door Lock Control Receiver 3. Wire Harness 	BE-161 BE-161

POWER SEAT CONTROL SYSTEM

Symptom	Suspect Area	See page
Power seat does not operate. (Door lock does not operate.)	<ol style="list-style-type: none"> 1. Wire Harness 2. Power Seat Switch (D) 3. Power Seat Switch (P) 	BE-172 BE-172
Power seat does not operate. (Door lock is normal.)	<ol style="list-style-type: none"> 1. Wire Harness 2. Power Seat Switch (D) 3. Power Seat Switch (P) 	BE-172 BE-172
Driver's seat does not operate.	<ol style="list-style-type: none"> 1. Power Seat Switch (D) 2. Wire Harness 	BE-172
Passenger's seat does not operate.	<ol style="list-style-type: none"> 1. Power Seat Switch (P) 2. Wire Harness 	BE-172
"Slide operation" does not operate.	<ol style="list-style-type: none"> 1. Power Seat Switch (D) 2. Power Seat Switch (P) 3. Wire Harness 4. Slide Motor (D, P) 	BE-172 BE-172 BE-172

BODY ELECTRICAL – TROUBLESHOOTING

"Front Vertical Operation" does not operate.	1. Power Seat Switch (D) 2. Power Seat Switch (P) 3. Wire Harness 4. Front Vertical Motor (D, P)	BE-172 BE-172 BE-172
"Rear Vertical Operation" does not operate.	1. Power Seat Switch (D) 2. Wire Harness 3. Rear Vertical Motor (D, P)	BE-172 BE-172
"Reclining Operation" does not operate.	1. Power Seat Switch (D) 2. Power Seat Switch (P) 4. Wire Harness 4. Reclining Motor (D, P)	BE-172 BE-172 BE-172
"Lumbar Support Operation" does not operate.	1. Power Seat Switch (D, P) 2. Wire Harness 3. Lumbar Support Motor (D, P)	BE-172 BE-172

(D): Driver's Seat

(P): Passenger's Seat

w/ Memory System:

POWER MIRROR CONTROL SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
Both right and left mirror does not operate.	1. RADIO NO.2 Fuse (Instrument Panel J/B) 2. Mirror Switch 3. Tilt & Telescopic ECU 4. Multiplex Communication Circuit 5. Wire Harness	BE-183 DI-408 DI-838
Only one side of interior does not operate.	1. Driver Door ECU (Left Side Mirror) 2. Front Passenger Door ECU (Right Side Mirror) 3. Mirror Motor 4. Wire Harness	DI-727 DI-760 BE-183
The mirror does not return to the memorized position.	1. Driving Position Memory (Position is not set) 2. Driving Position Switch 3. Driver Door ECU 4. Multiplex Communication Circuit 5. Wire Harness	BE-183 BE-183 DI-727 DI-838
The memorized position is moved.	1. Driving Position Memory (Position is not set) 2. Wire Harness	DI-727

w/o Memory System:

POWER MIRROR CONTROL SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
Mirror does not operate.	1. RADIO NO.2 Fuse (Instrument Panel J/B) 2. Mirror Switch 3. Mirror Motor 4. Wire Harness	DI-727 DI-727
Mirror operates abnormally.	1. Mirror Switch 2. Mirror Motor 3. Wire Harness	DI-727 DI-727

POWER SHOULDER BELT ANCHORAGE SYSTEM

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

Symptom	Suspect Area	See page
Driver's belt anchor can not be operated manually.	<ol style="list-style-type: none"> 1. Shoulder Belt Adjust Switch (Driver's) 2. Driver Door ECU 3. Multiplex Communication Circuit 4. Tilt and Telescopic ECU 5. Height Adjustable Anchor Motor 6. Wire Harness 	BE-188 DI-727 DI-838 DI-408 BE-188
The anchor does not return to the memorized position.	<ol style="list-style-type: none"> 1. Driving Position Memory and Return Switch 2. Driver Door ECU 3. Multiplex Communication Circuit 4. Tilt and Telescopic ECU 5. Wire Harness 	BE-188 DI-727 DI-838 DI-408
The memorized position is moved.	<ol style="list-style-type: none"> 1. Height Adjustable Anchor Sensor 	BE-188
Passenger's belt anchor can not be operated manually.	<ol style="list-style-type: none"> 1. Shoulder Belt Adjust Switch (Passenger's) 2. Shoulder Belt Anchor Relay 3. Wire Harness 4. Height Adjustable Anchor Motor 	BE-188 BE-188 BE-188

ELECTRO CHROMIC MIRROR SYSTEM

Symptom	Suspect Area	See page
Electro Chromic Inner Mirror does not operate.	<ol style="list-style-type: none"> 1. ECU-IG Fuse (Instrument Panel J/B) 2. Electro Chromic Inner Mirror 3. Wire Harness 	BE-195
Electro Chromic Outer Mirror does not operate.	<ol style="list-style-type: none"> 1. ECU-IG Fuse (Instrument Panel J/B) 2. Electro Chromic Outer Mirror 3. Electro Chromic Inner Mirror 4. Wire Harness 	BE-195 BE-195

SEAT HEATER SYSTEM

Symptom	Suspect Area	See page
Seat heaters do not operate. (Driver's and Passenger's)	<ol style="list-style-type: none"> 1. FR S/HTR Fuse (Engine Room J/B) 2. Engine Main Relay (Engine Room J/B) 3. Seat Heater Switch 4. Wire Harness 5. Seat Heater 	BE-198 BE-198 BE-198
Driver's seat heater does not operate.	<ol style="list-style-type: none"> 1. Seat Heater Switch 2. Wire Harness 	BE-198
Passenger's seat heater does not operate.	<ol style="list-style-type: none"> 1. Seat Heater Switch 2. Wire Harness 	BE-198
Seat heater temperature is too hot.	<ol style="list-style-type: none"> 1. Seat Heater 	BE-198

FUEL LID OPENER SYSTEM

Symptom	Suspect Area	See page
Fuel lid opener system does not operate.	<ol style="list-style-type: none"> 1. FUEL OPN Fuse (Instrument Panel J/B) 2. Fuel Lid Opener Switch 3. Fuel Lid Opener Solenoid 4. Wire Harness 	BE-202 BE-202

GARAGE DOOR OPENER SYSTEM

Symptom	Suspect Area	See page
The equipment of which code has been registered does not operate.	1. Garage Door Opener 2. Wire Harness 3. *	BE-242
LED does not light up. (Even though either switch is pressed.)	1. Garage Door Opener 2. Wire Harness	BE-242
LED does not light up. (Only one switch is pressed.)	1. Garage Door Opener	BE-242

* As the GARAGE DOOR OPENER on the vehicle side seems to be normal, check the OPENER on the equipment side, of which code has been registered.

HORN SYSTEM

Symptom	Suspect Area	See page
Horn system does not operate.	1. HORN Fuse (Engine Room J/B) 2. Horn Relay (Engine Room J/B) 3. Horn Switch 4. Horn 5. Wire Harness	BE-257 BE-257 BE-257
Horns blow all the time.	1. Horn Relay (Engine Room J/B) 2. Horn Switch 3. Wire Harness	BE-257 BE-257
One horn operates but other horn does not operate.	1. Horn 2. Wire Harness	BE-257
Horns operate abnormally.	1. Horn Relay (Engine Room J/B) 2. Horn 3. Wire Harness	BE-257 BE-257