

TROUBLESHOOTING

PROBLEM SYMPTOMS TABLE

BE0EV-05

POWER OUTLET:

Symptom	Suspect Area	See page
Electric power source cannot be taken out of the power outlet	1. Battery	-
	2. POWER OUTLET Fuse (I/P J/B No.1)	-
	3. Wire Harness	-

HEADLIGHT AND TAILLIGHT SYSTEM:

Symptom	Suspect Area	See page
Headlight does not light up (Taillight is normal)	1. Head Relay	BE-18
	2. DIM Relay	BE-18
	3. DRL Relay	BE-18
	4. Wire Harness	-
Headlight and taillight does not light up	1. Body ECU (Integration relay)	DI-628
	2. Light control Switch	BE-18
	3. Wire Harness	-
Only one side headlight does not light up	1. Headlight Bulb	-
	2. HEAD LO (LH, RH) Fuse (E/G Room R/B No.7)	-
	3. Wire Harness	-
"Lo-Beam" does not light up	1. Headlight Bulb	-
	2. HEAD LO (LH, RH) Fuse (E/G Room R/B No.7)	-
	3. Headlight Control Relay (E/G Room J/B No.2)	BE-18
	4. Body ECU (Integration Relay)	DI-628
	5. Light Control Switch	BE-18
	6. Wire Harness	-
"Hi-Beam" does not light up	1. Headlight Bulb	-
	2. ECU-B Fuse (E/G Room J/B No.2)	-
	3. HEAD HI (LH, RH) Fuse (E/G Room J/B No.2)	-
	4. DRL Relay (R/B No.7)	BE-18
	5. DIM Relay (R/B No.7)	BE-18
	6. Daytime Running Light Relay (Main)	BE-18
	7. Headlight Dimmer Switch	BE-18
	8. Wire Harness	-
"Flash" does not light up	1. Headlight Bulb	-
	2. ECU-B Fuse (E/G Room J/B No.2)	-
	3. HEAD HI (LH, RH) Fuse (E/G Room J/B No.2)	-
	4. DRL Relay (R/B No.7)	BE-18
	5. DIM Relay (R/B No.7)	BE-18
	6. Daytime Running Light Relay No.3 (E/G Room R/B No.2)	BE-18
	7. Headlight Dimmer Switch	BE-18
	8. Wire Harness	-
"Auto Turn-off System" does not operate.	1. GAUGE Fuse (Driver Side J/B No.1)	-
	2. DOME Fuse (E/G Room J/B No.2)	-
	3. Body ECU (Integration Relay)	DI-628
	4. Door Courtesy Switch (Driver's)	BE-31
	5. Ignition Switch	BE-15
	6. Wire Harness	-

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Headlight does not light up with engine running and light control SW in OFF.	1. Headlight Bulb 2. ECU-B Fuse (E/G Room J/B No.2) 3. GAUGE Fuse (Driver Side J/B No.1) 4. HEAD HI (LH, RH) Fuse (E/G Room J/B No.2) 5. Daytime Running Light Relay (Main) 6. Wire Harness 7. Other Parts*	- - - - BE-18 - -
Taillight does not light up (Headlight is normal)	1. TAIL Fuse (Driver Side J/B No.1) 2. Taillight Control Relay (Driver Side J/B No.1) 3. Body ECU (Integration Relay) 4. Light Control Switch 5. Wire Harness	- BE-18 BE-15 BE-18 -
Only one side light does not light up	1. Bulb 2. Wire Harness	- -
Rear combination light does not light up	1. Bulb 2. Wire Harness	- -

*Terminal L of Generator and Parking Brake Switch

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 (R/B NO.7) 2. H-LP LH LO Fuse (R/B NO.7) 3. Fog Light Relay 4. Head Relay (Engine Room J/B NO.2) 5. Fog Light Switch 6. Wire Harness	- - BE-26 BE-18 BE-26 -
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 Fuse (Engine Room J/B NO.2) 2. Hazard Warning Switch 3. Turn Signal Flasher 4. Wire Harness	- BE-29 BE-29 -
The flashing frequency is abnormal.	1. Bulb 2. Turn Signal Flasher 3. Turn Signal Switch 4. Wire Harness	- BE-29 BE-29 -
Hazard warning light does not light up. (Turn is normal.)	1. Hazard Fuse (E/G Room J/B No.2) 2. Hazard Warning Switch 3. Wire Harness	- BE-29 -
Hazard warning light does not light up in one direction.	1. Hazard Warning Switch 2. Wire Harness	BE-29 -
*1Turn signal does not light up.	1. Ignition Switch 2. TURN Fuse (Driver Side J/B No.1) 3. Turn Signal Switch 4. Wire Harness	BE-15 - BE-29 -
*2Turn signal does not light up.	1. TURN Fuse (Driver Side J/B No.1) 2. Turn Signal Switch 3. Wire Harness	- BE-29 -

Turn signal does not light up in one direction.	1. Turn Signal Switch 2. Wire Harness	BE-29 -
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.

INTERIOR LIGHT SYSTEM:

Symptom	Suspect Area	See page
"Illuminated Entry System" does not operate.	1. Door Courtesy Switch 2. Body ECU (Integration Relay) 3. Wire Harness	BE-31 DI-628 -
Only one interior light does not light up.	1. Bulb 2. Wire Harness	- -
Interior light does not light up (All).	1. DOME Fuse (E/G Room J/B No.2) 2. Wire Harness	- -
Dome light does not light up.	1. Bulb 2. Dome Light 3. Wire Harness	- BE-31 -
Map light does not light up.	1. Bulb 2. Front Interior Light 3. Wire Harness	- BE-31 -

BACK-UP LIGHT SYSTEM:

Symptom	Suspect Area	See page
Back-up Light does not light up.	1. Bulb 2. GAUGE Fuse (Driver Side J/B No.1) 3. Ignition Switch 4. Wire Harness	- - BE-15 -
Back-up Light remains always ON.	1. Park/Neutral Position Switch (A/T) 2. Wire Harness	DI-197 -
Only one light does not light up.	1. Bulb 2. Wire Harness	- -

STOP LIGHT SYSTEM:

Symptom	Suspect Area	See page
Stop light does not light up.	1. STOP Fuse (Driver Side J/B No.1) 2. Stop Light Switch 3. Wire Harness	- BE-35 -
Only one light always lights up.	1. Wire Harness	-
Only one light does not light up	1. Bulb 2. Wire Harness	- -

WIPER AND WASHER SYSTEM:

Symptom	Suspect Area	See page
Wiper and washers does not operate.	1. WIPER Fuse (Driver Side J/B No.1) 2. Wiper Switch 3. Wiper Motor 4. Wire Harness	- BE-37 BE-37 -
Wipers do not operate in LO or HI.	1. Wiper Switch 2. Wiper Motor 3. Wire Harness	BE-37 BE-37 -

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Wipers do not operate in INT.	1. Wiper Switch 2. Wiper Motor 3. Wire Harness	BE-37 BE-37 -
Washer motor does not operate.	1. Washer Switch 2. Washer Motor 3. Wire Harness	BE-37 BE-37 -
Wipers do not operate when washer switch is in ON.	1. Washer Motor 2. Wire Harness	BE-37 -
Washer fluid does not operate.	1. Washer Hose and Nozzle	-
● In wiper switch 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 is wrong.	1. *1Wiper Switch 2. Wire Harness	BE-37 -
Rear wiper and washer does not operate.	1. Wiper Fuse (Driver Side J/B NO.1) 2. Rear Wiper Relay 3. Rear Wiper and washer Switch 4. Rear Wiper Motor 5. Wire Harness	- BE-37 BE-37 BE-37 -

*1: Inspect wiper arm and blade set position

COMBINATION METER (Meter Gauges and Illumination):

Symptom	Suspect Area	See page
Tachometer, Fuel Gauge and Engine Coolant Temperature Gauge do not operate.	1. GAUGE Fuse (Driver Side J/B No.1) 2. Meter Circuit Plate 3. Wire Harness	- BE-43 -
Speedometer does not operate.	1. ABS ECU 2. Meter Circuit Plate 3. Wire Harness	IN-31 BE-43 -
Tachometer does not operate.	1. Igniter 2. Meter Circuit Plate 3. Wire Harness	IG-1 BE-43 -
Fuel Gauge does not operate or abnormal operation.	1. Fuel Receiver Gauge 2. Fuel Sender Gauge 3. Meter Circuit Plate 4. Wire Harness	BE-48 BE-48 BE-43 -
Engine Coolant Temperature Gauge does not operate or abnormal operation	1. Engine Coolant Temperature Receiver Gauge 2. Engine Coolant Temperature Sender Gauge 3. Meter Circuit Plate 4. Wire Harness	BE-48 BE-48 BE-43 -
All illumination lights do not light up.	1. PANEL Fuse (Driver Side J/B No.1) 2. Light Control Rheostat 3. Wire Harness	- BE-48 -
Brightness does not change even when rheostat is turned.	1. Bulb 2. Wire Harness	- -
Only one illumination light does not light up.	1. Bulb 2. Wire Harness	- -

COMBINATION METER (Warning Light):

Symptom	Suspect Area	See page
Warning lights do not light up. (Except Discharge, Open Door and SRS)	1. GAUGE Fuse (Driver Side J/B No.1) 2. Meter Circuit Plate 3. Wire Harness	- BE-43 -

Low oil pressure warning light does not light up.	1. Bulb 2. Low Oil Pressure Warning Switch 3. Meter Circuit Plate 4. Wire Harness	- BE-48 BE-43 -
Fuel level warning light does not light up.	1. Bulb 2. Fuel Level Warning Switch 3. Meter Circuit Plate 4. Wire Harness	- BE-48 BE-43 -
ABS warning light does not light up.	1. Bulb 2. ABS ECU 3. Wire Harness	- DI-250 -
Seat belt warning light does not light up.	1. Bulb 2. Retractor switch 3. Body ECU (Integration Relay) 4. Wire Harness	- BE-48 DI-628 -
Brake warning light does not light up.	1. Bulb 2. Parking Brake Switch 3. Brake Fluid Level Warning Switch 4. Bulb Check Relay 5. Meter Circuit Plate 6. Wire Harness	- BE-48 BE-48 BE-48 BE-43 -
SRS warning light does not light up.	1. ECU-B Fuse (E/G Room J/B No.2) 2. Bulb 3. Airbag Sensor Assembly 4. Meter Circuit Plate 5. Wire Harness	- - DI-490 BE-43 -
Open door warning light does not light up.	1. DOME Fuse (E/G Room J/B No.2) 2. Bulb 3. Door Courtesy Switch 4. Meter Circuit Plate 5. Wire Harness	- - BE-31 BE-43 -
Washer level warning light does not light up.	1. Bulb 2. Washer Fluid Level Warning Switch 3. Meter Circuit Plate 4. Wire Harness	- BE-48 BE-43 -

COMBINATION METER (Indicator Light):

Symptom	Suspect Area	See page
O/D OFF indicator light does not light up.	1. Bulb 2. O/D OFF Switch 3. Meter Circuit Plate 4. Wire Harness	- DI-204 BE-43 -
Cruise control indicator light does not light up.	1. Bulb 2. Cruise Control ECU 3. Meter Circuit Plate 4. Wire Harness	- DI-601 BE-43 -
High beam indicator light does not light up.	1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. Headlight System	- BE-43 - BE-18
Turn indicator light does not light up.	1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. Turn Signal and Hazard Warning System	- BE-43 - BE-29

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Shift indicator lights do not light up.	1. Bulb 2. Meter Circuit Plate 3. Park/Neutral Position Switch 4. Wire Harness	- BE-43 DI-197 -
Only one shift indicator does not light up.	1. Bulb 2. Meter Circuit Plate	- BE-43
Malfunction indicator light does not light up.	1. Bulb 2. ECM 3. Meter Circuit Plate 4. Wire Harness	- - BE-43 -
Indicator lights do not light up. (Except Turn, Hi-beam and security)	1. GAUGE Fuse (Driver Side J/B No.1) 2. Wire Harness	- -

DEFOGGER SYSTEM:

Symptom	Suspect Area	See page
All defogger systems do not operate.	1. DEF Fuse (Driver Side J/B No.1) 2. HTR Fuse (Driver Side J/B No.1) 3. Defogger Relay (Driver Side J/B No.1) 4. Defogger Switch 5. Wire Harness	- - BE-61 BE-61 -
Rear window defogger does not operate.	1. Defogger Wire 2. Choke Coil 3. Wire Harness	BE-61 - -
Mirror defogger does not operate.	1. MIR/HTR Fuse (Driver Side J/B No.1) 2. Mirror Defogger 3. Wire Harness	- BE-61 -

POWER WINDOW CONTROL SYSTEM:

Symptom	Suspect Area	See page
Power window does not operate (ALL). (Power Door Lock does not operate)	1. POWER Fuse (Driver Side J/B No.1) 2. Power Relay (Driver Side J/B No.1) 3. Wire Harness	- BE-65 -
Power window does not operate (ALL). (Power Door Lock is normal)	1. Ignition Switch 2. Power Window Master Switch 3. Wire Harness	BE-15 BE-65 -
"One Touch Power Window System" does not operate.	1. Power Window Master Switch	BE-65
Only one window glass does not move.	1. Power Window Master Switch 2. Power Window Switch 3. Power Window Motor 4. Wire Harness	BE-65 BE-65 BE-65 -
"Window Lock System" does not operate.	1. Power Window Master Switch	BE-65
"Window Lock Illumination" does not light up.	1. Power Window Master Switch	BE-65
Key-off power window does not operate.	1. GAUGE Fuse (Driver Side J/B No.1) 2. Body ECU (Integration Relay) 3. Ignition Switch 4. Door Courtesy Switch 5. Wire Harness	- DI-628 BE-15 BE-31 -

POWER DOOR LOCK CONTROL SYSTEM:

Symptom	Suspect Area	See page
"Door lock system" does not operate at all.	1. POWER Fuse (Driver Side J/B No.1) 2. GAUGE Fuse (Driver Side J/B No.1) 3. DOOR Fuse (Driver Side J/B No.1) 4. Body ECU (Integration Relay) 5. Wire Harness	- - - DI-628 -

Door lock system does not operate by manual switch.	1. Power Window Master Switch 2. Door Lock Manual Switch 3. Body ECU (Integration Relay) 4. Wire Harness	BE-73 BE-73 DI-628 -
Door lock system does not operate by door key.	1. Door Key Lock and Unlock Switch 2. Body ECU (Integration Relay) 3. Wire Harness 4. Door Lock Link Disconnected	BE-73 DI-628 - -
Fault in 2-Operation unlock function of Driver's side door key lock and unlock switch.	1. Door Key Lock and Unlock Switch 2. Body ECU (Integration Relay) 3. Wire Harness	BE-73 DI-628 -
Fault in key confine prevention operate.	1. Body ECU (Integration Relay) 2. Key Unlock Warning Switch 3. Door Courtesy Switch 4. Wire Harness	DI-628 BE-15 BE-31 -
Only one door lock does not operate.	1. Door Lock Motor 2. Wire Harness	BE-73 -

WIRELESS DOOR LOCK CONTROL SYSTEM:**HINT:**

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

Symptom	Suspect Area	See page
All functions of wireless door lock control system do not operate.	1. Door Courtesy Switch 2. Door Key Lock and Unlock Switch 3. Key Unlock Warning Switch 4. Body ECU (Integration Relay) 5. Wire Harness 6. Wireless Door Lock Receiver	BE-31 BE-73 BE-15 DI-628 - BE-85
Only door unlock operation is not possible (Lock operation is possible).	1. Door key Lock and Unlock Switch 2. Door Unlock Detection Switch 3. Body ECU (Integration Relay) 4. Wire Harness 5. Wireless Door Lock Receiver	BE-73 BE-73 DI-628 - BE-85
Only door lock operation is not possible (Unlock operation is possible).	1. Door key Lock and Unlock Switch 2. Body ECU (Integration Relay) 3. Wire Harness 4. Wireless Door Lock Receiver	BE-73 DI-628 - BE-85
Only key confinement prevention function is not possible.	1. Key Unlock Warning Switch 2. Body ECU (Integration Relay) 3. Wire Harness 4. Wireless Door Lock Receiver	BE-15 DI-628 - BE-85
Only power side door of wireless door lock control system does not operate.	1. Slide Door ECU Communication circuit 2. Body ECU (Integration Relay) 3. Wire Harness 4. Wireless Door Lock Receiver 5. Power Slide Door Control ECU	IN-21 DI-628 - BE-85 DI-501

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- Wireless door lock function operates even when each door is opened. - Automatic lock function operates even if any door is opened within 30 seconds after all doors are unlocked by wireless door lock control system.	- Door Courtesy Switch - Body ECU (Integration Relay) - Wire Harness - Wireless Door Lock Receiver	BE-31 DI-628 - BE-85
Wireless door lock functions incorrectly. (Although one door is unlocked, when the transmitter switch is pressed, all doors are unlocked.)	- Door Unlock Detection Switch - Body ECU (Integration Relay) - Wire Harness - Wireless Door Lock Receiver	BE-73 DI-628 - BE-85
Warning operation will not be performed even if the panic button is pressed.	- Body ECU (Integration Relay) - Wire Harness - Wireless Door Lock Receiver - Theft Deterrent ECU Communication Circuit	DI-628 - BE-85 -

SLIDING ROOF SYSTEM:

Symptom	Suspect Area	See page
Sliding roof system does not operate. (Door Lock does not operate)	- POWER Fuse (Driver Side J/B No.1) - Power Relay (Driver Side J/B No.1) - Wire Harness	- BE-65 -
Sliding roof system does not operate. (Door Lock is normal)	- Ignition Switch - Sliding Roof Control Relay and Switch - Sliding Roof Motor and Limit Switch - Wire Harness	BE-15 BE-95 BE-95 -
Sliding roof system operates abnormally.	- Sliding Roof Control Relay and Switch - Sliding Roof Motor and Limit Switch - Wire Harness	BE-95 BE-95 -
Sliding roof system stops operation half way. (Stones of foreign material trapped in motor assembly)	- Sliding Roof Control Relay and Switch - Sliding Roof Motor and Limit Switch - Wire Harness	BE-95 BE-95 -
"Key-off Sliding Roof" operation does not operate.	- DOME Fuse (E/G Room J/B No.2) - GAUGE Fuse (J/B No.1) - Ignition Switch - Body ECU (Integration Relay) - Wire Harness	- - BE-15 DI-628 -

POWER SEAT CONTROL SYSTEM:

Symptom	Suspect Area	See page
Power seat does not operate. (Door lock system does not operate)	- POWER Fuse (Driver Side J/B No.1) - Power Seat Switch - Power Seat Moter - Wire Harness	- BE-99 BE-99 -
Power seat does not operate. (Door lock system is normal)	- Power Seat Swtich - Wire Harness	BE-99 -
"Slide operation" does not operate.	- Power Seat Switch - Wire Harness - Slide Motor	BE-99 - BE-99
"Lifter operation" does not operate.	- Power Seat Switch - Wire Harness - Lifter Motor	BE-99 - BE-99
"Reclining operation" does not operate.	- Power Seat Switch - Wire Harness - Reclining Motor	BE-99 - BE-99

POWER MIRROR CONTROL SYSTEM:

Symptom	Suspect Area	See page
Mirror does not operate.	1. CIG Fuse (Driver Side J/B No.1) 2. Mirror Switch 3. Mirror Motor 4. Wire Harness	- BE-102 BE-102 -
Mirror operates abnormally.	1. Mirror Switch 2. Mirror Motor 3. Wire Harness	BE-102 BE-102 -

ELECTRO CHROMIC MIRROR SYSTEM

Symptom	Suspect Area	See page
Electro Chromic Inner Mirror does not operate.	1. GAUGE Fuse (Driver Side J/B NO.1) 2. Electro Chromic Inner Mirror 3. Wire Harness	- BE-106 -
Electro Chromic Outer Mirror does not operate.	1. GAUGE Fuse (Driver Side J/B NO.1) 2. Electro Chromic Outer Mirror 3. Electro Chromic Inner Mirror 4. Wire Harness	- BE-106 BE-106 -

SEAT HEATER SYSTEM

Symptom	Suspect Area	See page
Seat heaters do not operate. (Driver's and Passenger's)	1. GAUGE Fuse (Driver Side J/B NO.1) 2. SEAT HTR Relay 3. Seat Heater Switch (D, P) 4. Wire Harness 5. Seat Heater	- BE-108 BE-108 - BE-108
Driver's seat heater does not operate.	1. Seat Heater Switch (D, P) 2. Wire Harness	BE-108 -
Passenger's seat heater does not operate.	1. Seat Heater Switch (D, P) 2. Wire Harness	BE-108 -
Seat heater temperature is too hot.	Seat Heater	BE-108

AUDIO SYSTEM

Symptom	Suspect Area	See page
Audio system abnormal operation.	TROUBLESHOOTINGS	BE-114

CLOCK SYSTEM

Symptom	Suspect Area	See page
Passenger seat belt warning system does not light up.	TROUBLESHOOTING NO.1	BE-140
Clock will not operate.	TROUBLESHOOTING NO.1	BE-140
Clock loses or gains time.	TROUBLESHOOTING NO.2	BE-140

GARAGE DOOR OPENER SYSTEM

Symptom	Suspect Area	See page
The equipment of which code has been registered does not operate.	1. Garage Door Opener Switch 2. Wire Harness 3. *	BE-147 - -
LED does not light up. (Even though either switch is pressed.)	1. Garage Door Opener Switch 2. Wire Harness	BE-147 -
LED does not light up. (Only one switch is pressed.)	Garage Door Opener Switch	BE-147

* 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.

ENGINE IMMOBILIZER SYSTEM

Symptom	Suspect Area	See page
Engine immobilizer system does not operate.	See DIAGNOSIS SYSTEM	DI-606