

TROUBLESHOOTING

PROBLEM SYMPTOMS TABLE

BE16S-06

IGNITION SWITCH AND

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. | 11. Ignition switch 12. Power source circuit | BE-21 - |

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 sounds when the ignition key is ACC or ON) | 1. Ignition Switch 2. Key Unlock Warning Switch 3. Body ECU 4. Combination Meter 5. Wire Harness | BE-21 BE-21 DI-893 BE-90 - |

w/o Daytime running light system:

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.

| Symptom | Suspect Area | See page |
|---|---|--|
| "Automatic light control system" does not operate. | 1. Automatic Light Control Sensor 2. Light Control Switch 3. Door Courtesy Switch 4. Wire Harness 5. Theft Deterrent ECU 6. Body ECU | BE-31 BE-31 BE-58 - DI-776 DI-893 |
| Auto turn-off system does not operate when the driver's door is opened. | 1. Drivers Door Courtesy Switch 2. Body ECU | BE-58 DI-893 |
| Auto turn-off system: Headlight and taillight do not come on. | 1. Body ECU 2. Wire Harness | DI-893 - |
| Auto turn-off system: Headlight and taillight stay on. | 1. Body ECU 2. Wire Harness | DI-893 - |
| Only one headlight comes on. | 1. Bulb 2. Light Control Sensor 3. Wire Harness | - BE-31 - |
| "LO-Beam" does not light (All). | 1. Headlight Control Relay 2. Light Control Sensor 3. Wire Harness | BE-31 BE-31 - |
| "LO-Beam" does not light (One side). | 1. Bulb 2. H-LP L-LWR Fuse 3. H-LP R-LWR Fuse 4. Wire Harness | - BE-15 BE-15 - |
| "HI-Beam" does not light (All). | 1. Headlight Dimmer Switch 2. Wire Harness | BE-31 - |

BODY ELECTRICAL - TROUBLESHOOTING

| | | |
|---|---|---|
| "HI-Beam" does not light (One side). | <ol style="list-style-type: none"> 1. Bulb 2. H-LP L-UPR Fuse 3. H-LP R-UPR Fuse 4. Wire Harness | <p style="text-align: center;">-</p> <p style="text-align: center;">BE-15</p> <p style="text-align: center;">BE-15</p> <p style="text-align: center;">-</p> |
| "Flash" does not light. | <ol style="list-style-type: none"> 1. H-LP L-UPR Fuse 2. H-LP R-UPR Fuse 3. Headlight Dimmer Switch 4. Light Control ECU 5. Wire Harness | <p style="text-align: center;">BE-15</p> <p style="text-align: center;">BE-15</p> <p style="text-align: center;">BE-31</p> <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> |
| "Flash" does not light. | <ol style="list-style-type: none"> 1. Bulb 2. Light Control ECU 3. Wire Harness | <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> |
| Headlight does not come on. | <ol style="list-style-type: none"> 1. Headlight Control Relay 2. Light Control Switch 3. Light Control ECU 4. Wire Harness | <p style="text-align: center;">BE-31</p> <p style="text-align: center;">BE-31</p> <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> |
| Headlight does not come on. | <ol style="list-style-type: none"> 1. Bulb 2. Light Control ECU 3. Wire Harness | <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> |
| Headlight flickers. | <ol style="list-style-type: none"> 1. Bulb 2. Light Control ECU 3. Wire Harness | <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> |
| Headlight is dark. | <ol style="list-style-type: none"> 1. Bulb 2. Light Control ECU 3. Wire Harness | <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> |
| Only one taillight comes on. | <ol style="list-style-type: none"> 1. Bulb 2. Wire Harness | <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> |
| Taillight does not come on. (Headlight is normal) | <ol style="list-style-type: none"> 1. TAIL Fuse 2. GAUGE Fuse 3. Taillight Control Relay 4. Light Failure Relay 5. Light Control Switch 6. Wire Harness | <p style="text-align: center;">BE-15</p> <p style="text-align: center;">BE-15</p> <p style="text-align: center;">BE-31</p> <p style="text-align: center;">BE-31</p> <p style="text-align: center;">BE-31</p> <p style="text-align: center;">-</p> |
| Taillight does not come on. (Headlight does not light) | <ol style="list-style-type: none"> 1. Light Control Switch 2. Wire Harness | <p style="text-align: center;">BE-31</p> <p style="text-align: center;">-</p> |
| Rear combination light does not come on. | <ol style="list-style-type: none"> 1. Light Failure Relay 2. Wire Harness 3. Bulb | <p style="text-align: center;">BE-31</p> <p style="text-align: center;">-</p> <p style="text-align: center;">-</p> |

**w/ Daytime running light system:
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.

| Symptom | Suspect Area | See page |
|---|---|--|
| "Automatic light control system" does not operate. | 1. Automatic Light Control Sensor 2. Light Control Switch 3. Door Courtesy Switch 4. Wire Harness 5. Theft Deterrent ECU 6. Body ECU | BE-31 BE-31 BE-58 - DI-776 DI-893 |
| Auto turn-off system does not operate when the driver's door is opened. | 1. Drivers Door Courtesy Switch 2. Body ECU | BE-58 DI-893 |
| Auto turn-off system: Headlight and taillight do not come on. | 1. Body ECU 2. Wire Harness | DI-893 - |
| Auto turn-off system: Headlight and taillight stay on. | 1. Body ECU 2. Wire Harness | DI-893 - |
| Only one headlight comes on. | 1. Daytime Running Light No. 2 Relay 2. Daytime Running Light Main Relay 3. Bulb 4. Light Control ECU 5. Wire Harness 6. Combination Meter | BE-31 BE-31 - - - BE-90 |
| "LO-Beam" does not light (All). | 1. Headlight Control Relay 2. Light Control ECU 3. Wire Harness | BE-31 - - |
| "LO-Beam" does not light (One side). | 1. Bulb 2. H-LP L-LWR Fuse 3. H-LP R-LWR Fuse 4. Light Control ECU 5. Wire Harness | - BE-15 BE-15 - - |
| "HI-Beam" does not light (All). | 1. Headlight Dimmer Switch 2. Daytime Running Light Main Relay 3. Wire Harness 4. Combination Meter | BE-31 BE-31 - BE-90 |
| "HI-Beam" does not light (One side). | 1. Bulb 2. H-LP L-UPR Fuse 3. H-LP R-UPR Fuse 4. Daytime Running Light No. 2 Relay 5. Wire Harness | - BE-15 BE-15 BE-31 - |
| "Flash" does not light. | 1. Headlight Dimmer Switch 2. Daytime Running Light Main Relay 3. Wire Harness 4. Combination Meter | BE-31 BE-31 - BE-90 |

BODY ELECTRICAL - TROUBLESHOOTING

| | | |
|---|---|--|
| Headlight does not come on. | <ol style="list-style-type: none"> 1. Headlight Control Relay 2. Daytime Running Light Main Relay 3. Daytime Running Light No.2 Relay 4. Headlight Dimmer Switch 5. Light Control Switch 6. Wire Harness 7. Light Control ECU 8. Bulb 9. Combination Meter | <p>BE-31</p> <p>BE-31</p> <p>BE-31</p> <p>BE-31</p> <p>BE-31</p> <p>-</p> <p>-</p> <p>-</p> <p>BE-90</p> |
| Headlight does not come on with light control switch in HEAD. | <ol style="list-style-type: none"> 1. Light Control Switch 2. Light Control ECU 3. Wire Harness | <p>BE-31</p> <p>-</p> <p>-</p> |
| Headlight does not go out with light control switch in OFF. | <ol style="list-style-type: none"> 1. Headlight Control Relay 2. Light Control ECU 3. Wire Harness | <p>BE-31</p> <p>-</p> <p>-</p> |
| Headlight flickers. | <ol style="list-style-type: none"> 1. Bulb 2. Light Control ECU 3. Wire Harness | <p>-</p> <p>-</p> <p>-</p> |
| Headlight is dark. | <ol style="list-style-type: none"> 1. Bulb 2. Light Control ECU 3. Wire Harness | <p>-</p> <p>-</p> <p>-</p> |
| Taillight does not come on with light control switch in TAIL. | <ol style="list-style-type: none"> 1. Taillight Control Relay 2. Light Control Switch 3. Wire Harness | <p>BE-31</p> <p>BE-31</p> <p>-</p> |
| Taillight does not go out with light control switch in OFF. | <ol style="list-style-type: none"> 1. Taillight Control Relay 2. Light Control Switch 3. Wire Harness | <p>BE-31</p> <p>BE-31</p> <p>-</p> |
| Headlight does not come on with engine running and light control switch in OFF. | <ol style="list-style-type: none"> 1. ECU-B Fuse 2. GAUGE Fuse 3. Daytime Running Light Main Relay 4. Daytime Running Light No.2 Relay 5. Generator L Terminal 6. Parking Brake Switch 7. Wire Harness 8. Combination Meter | <p>BE-15</p> <p>BE-15</p> <p>BE-31</p> <p>BE-31</p> <p>BE-90</p> <p>BE-90</p> <p>-</p> <p>-</p> |

**HID type headlight:
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. | <ol style="list-style-type: none"> 1. ECU-IG Fuse 2. Headlight Beam Level Control Actuator 3. Headlight Beam Level Control ECU 4. Wire Harness Side | <p>BE-15</p> <p>BE-31</p> <p>BE-31</p> <p>-</p> |
| Beam axis is not controlled. (It is initialized.) Headlight Beam Level Control System does not operate. | <ol style="list-style-type: none"> 1. Height Control Sensor 2. Headlight Beam Level Control ECU 3. Wire Harness Side | <p>-</p> <p>BE-31</p> <p>-</p> |
| Controlled angle of head light is unusual. (The angle is controlled.) | <ol style="list-style-type: none"> 1. Height Control Sensor 2. Headlight Beam Level Control ECU 3. Headlights 4. Wire Harness Side | <p>-</p> <p>BE-31</p> <p>BE-31</p> <p>-</p> |
| Beam axis position is not stable during driving. | <ol style="list-style-type: none"> 1. ABS System 2. Headlights 3. Wire Harness | <p>-</p> <p>BE-31</p> <p>-</p> |

FOG 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 |
|---|--|-----------------------------------|
| Front fog light does not light up with light control SW TAIL or HEAD (LO-beam only). (Headlight is normal.) | <ol style="list-style-type: none"> 1. Bulbs 2. FR FOG Fuse 3. Front Fog Light Relay 4. Front Fog Light Switch 5. Wire Harness | - BE-15 BE-48 BE-48 - |
| Only one light does not light. | <ol style="list-style-type: none"> 1. Bulbs 2. Wire Harness | - - |
| Rear fog light does not light with light control SW HEAD. (Headlight is normal.) | <ol style="list-style-type: none"> 1. Bulbs 2. ECU-B2 Fuse 3. Rear Fog Light Switch 4. Wire Harness | - BE-15 BE-48 - |
| Rear fog light does not light with light control SW HEAD. (Headlight does not light.) | <ol style="list-style-type: none"> 1. Inspect Headlight and Taillight System 2. Wire Harness | BE-2 - |
| Only one light does not light. | <ol style="list-style-type: none"> 1. Bulbs 2. Wire Harness | - - |

TURN SIGNAL AND HAZARD WARNING 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 |
|--|--|---------------------------------------|
| "Hazard" and "Turn" do not light up. | <ol style="list-style-type: none"> 1. GAUGE Fuse 2. TURN HAZ Fuse 3. Ignition Switch 4. Turn Signal Flasher Relay 5. Wire Harness | BE-15 BE-15 BE-21 BE-53 - |
| Hazard warning light does not light up. (Turn is normal) | <ol style="list-style-type: none"> 1. A/C Control Panel 2. Wire Harness | AC-79 - |
| Turn signal does not light up. (Hazard is normal) | <ol style="list-style-type: none"> 1. Turn Signal Switch 2. Wire Harness | BE-53 - |
| Turn signal does not light up in one direction. | <ol style="list-style-type: none"> 1. Turn Signal Switch 2. Wire Harness | BE-53 - |
| Only one bulb does not light up. | <ol style="list-style-type: none"> 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. | DOME Fuse | BE-15 |
| The driver door courtesy light does not come ON when the driver's door is opened. | <ol style="list-style-type: none"> 1. Driver's Door Courtesy Switch 2. Wire Harness 3. Body ECU | BE-58 - DI-893 |
| The passenger door courtesy light does not come ON when the passenger's door is opened. | <ol style="list-style-type: none"> 1. Passenger's Door Courtesy Switch 2. Wire Harness 3. Body ECU | BE-58 - DI-893 |
| The room light does not come on when the rear-right door is opened. | <ol style="list-style-type: none"> 1. Rear-Right Door Courtesy Switch 2. Wire Harness 3. Body ECU 4. Room Light | BE-58 - DI-893 BE-58 |

BODY ELECTRICAL - TROUBLESHOOTING

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|--|---|--|
| The room light does not come on when the rear-left door is opened. | 1. Rear-Left Door Courtesy Switch 2. Wire Harness 3. Body ECU 4. Room Light | BE-58 - DI-893 BE-58 |
| Only one of the bulbs comes ON. | Bulb | - |
| The illumination does not fade out when all the doors are closed. | 1. Courtesy Switch 2. Wire Harness 3. Body ECU | BE-58 - DI-893 |
| 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. | 1. Ignition Switch 2. RADIO NO.2 Fuse 3. GAUGE Fuse 4. Wire Harness 5. Body ECU | BE-21 BE-15 BE-15 - DI-893 |
| The illumination does not fade out immediately when all the doors are locked within 15 seconds after they are closed. | 1. Door Unlock Detection Switch 2. Wire Harness 3. Body ECU | BE-121 - DI-893 |
| Interior light does not light up. (in front personal light) | 1. Bulb 2. Front Personal Light 3. Wire Harness | - BE-58 - |
| Front personal light does not light up. | 1. Bulb 2. Front Personal Light 3. Wire Harness | - BE-58 - |
| Rear personal light does not light up. | 1. Bulb 2. Rear Personal Light 3. Wire Harness | - BE-58 - |
| Vanity light does not light up. | 1. Bulb 2. Vanity Light 3. Wire Harness | - BE-58 - |
| Luggage compartment light does not light up. | 1. Bulb 2. Luggage Compartment Door Courtesy Switch 3. Wire Harness | - BE-58 - |
| Courtesy light does not light up. | 1. Bulb 2. Door Courtesy Switch 3. Wire Harness 4. Body ECU | - BE-58 - DI-893 |

BACK-UP LIGHT SYSTEM

| Symptom | Suspect Area | See page |
|-----------------------------------|--|--------------------------|
| Back-Up Light does not light up. | 1. GAUGE Fuse 2. Ignition Switch 3. Wire Harness 4. Bulb | BE-15 BE-21 - - |
| Back-Up Light remains always on. | 1. Park/Neutral Position Switch (A/T) Back-up Light Switch (M/T) 2. Wire Harness | DI-371 BE-65 - |
| 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 2. Stop Light Switch 3. Light Failure Relay 4. Wire Harness | BE-15 BE-68 BE-31 - |
| Stop light always lights up. | 1. Stop Light Switch 2. Wire Harness | BE-68 - |
| Only one light always lights up. | Wire Harness | - |
| Only one light does not light up. | 1. Bulb 2. Wire Harness | - - |

HEADLIGHT CLEANER SYSTEM

| Symptom | Suspect Area | See page |
|---|--|--|
| "Headlight Cleaner System" does not operate (All) | 1. H-LP CLN Fuse 2. WASHER 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-15 BE-15 BE-21 BE-70 BE-70 BE-70 - - |
| Washer fluid does not spray. | Headlight Cleaner Nozzle and Hose | - |

WIPER AND WASHER SYSTEM

| Symptom | Suspect Area | See page |
|---|---|------------------------------|
| Wipers and washer do not operate. | 1. WIP Fuse 2. Wiper Switch 3. Wiper Motor 4. Wire Harness | BE-15 BE-75 BE-75 - |
| Wipers do not operate in LO, HI or MIST. | 1. Wiper Switch 2. Wiper Motor 3. Wire Harness | BE-75 BE-75 - |
| Wipers do not operate in INT. | 1. Wiper Switch 2. Wiper Motor 3. Wire Harness | BE-75 BE-75 - |
| Washer motor does not operate. | 1. WASHER Fuse 2. Washer Switch 3. Washer Motor 4. Wire Harness | BE-15 BE-75 BE-75 - |
| Wipers do not operate when washer switch ON. | 1. WASHER Fuse 2. Washer Switch 3. Wiper Motor 4. Wire Harness | BE-15 BE-75 BE-75 - |
| Washer fluid does not operate. | Washer Hose and Nozzle | - |
| <ul style="list-style-type: none"> ● When wiper switch is in 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. Wiper Motor *1 2. Wire harness *1 | BE-75 - |
| Rear wiper does not operate. | 1. WIPER Fuse 2. Rear Wiper Motor 3. Rear Wiper Switch 4. Wire Harness | - BE-75 BE-75 - |

BODY ELECTRICAL - TROUBLESHOOTING

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|--|--|---------------------|
| Rear wiper does not operate in INT or ON position. | 1. Rear Wiper Switch 2. Wire Harness | BE-75 - |
| Rear wiper does not return to OFF position. | 1. Rear Wiper Motor 2. Wire Harness | BE-75 - |
| Rear Washer Motor does not operate. | 1. Rear Washer Motor 2. Rear Washer Switch 3. Wire Harness | BE-75 BE-75 - |

*1: Inspect wiper arm and blade set positions.

COMBINATION METER

- This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.
- Refer to DI section for warning light or indicator light not described in the table below.

| Symptom | Suspect Area | See page |
|--|---|---|
| Driver seat belt warning light does not light up. | 1. Bulb 2. Driver Buckle Switch Circuit 3. Meter Circuit Plate 4. Wire Harness 5. Body ECU | - BE-90 BE-90 - DI-893 |
| Passenger seat belt warning light does not light up. (in A/C control panel) | 1. Passenger Buckle Switch Circuit 2. Occupant Detection Sensor 3. A/C Control Panel 4. Wire Harness 5. A/C ECU | BE-90 BE-90 DI-1009 - DI-1009 |
| SRS warning light does not light up. | 1. MPX-B Fuse 2. SRS-B Fuse 3. Bulb 4. Meter Circuit Plate 5. Wire Harness 6. Airbag Sensor Assembly | BE-15 BE-15 - BE-90 - DI-605 |
| Hi-beam indicator light does not light up. | 1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. Headlight System | - BE-90 - BE-31 |
| Turn indicator light does not light up. | 1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. Turn Signal and Hazard Warning System | - BE-90 - BE-53 |
| ABS warning light does not light up. | 1. GAUGE Fuse 2. Bulb 3. Meter Circuit Plate 4. Wire Harness 5. ABS ECU | BE-15 - BE-90 - DI-435 |
| TRAC warning light does not light up. | 1. GAUGE Fuse 2. Bulb 3. Meter Circuit Plate 4. Wire Harness 5. ABS ECU | BE-15 - BE-90 - DI-435 |

| | | |
|---|--|---|
| Check engine warning light does not light up. | <ol style="list-style-type: none"> 1. Bulb 2. Meter Circuit Plate 3. Wire Harness 4. ECM | <p>-</p> <p>BE-90</p> <p>-</p> <p>DI-1</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>-</p> <p>BE-90</p> <p>BE-90</p> <p>-</p> |

DEFOGGER 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 |
|--|--|---|
| Rear window defogger does not operate. | <ol style="list-style-type: none"> 1. HTR Fuse 2. DEF M-Fuse 3. Defogger Relay Circuit 4. Defogger Switch (in A/C Panel Switch) 5. Defogger Wire 6. Wire Harness 7. Body ECU 8. Noise Filter 9. A/C ECU | <p>BE-15</p> <p>BE-15</p> <p>DI-940</p> <p>DI-1009</p> <p>BE-102</p> <p>-</p> <p>DI-893</p> <p>-</p> <p>DI-1009</p> |
| Mirror heater does not operate. | <ol style="list-style-type: none"> 1. MIR-HTR Fuse (Passenger Side J/B) 2. Mirror Heater Relay 3. Mirror Heater 4. Wire Harness | <p>BE-15</p> <p>BE-102</p> <p>BE-102</p> <p>-</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 3. Body ECU | <p>BE-115</p> <p>-</p> <p>DI-893</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>BE-115</p> <p>BE-115</p> <p>BE-115</p> <p>-</p> |
| "Window lock function" does not operate. | Power Window Master Switch | BE-115 |
| Power window control system abnormal operation. | TROUBLESHOOTING | BE-104 |

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. (Power Window Control System is normal.) | <ol style="list-style-type: none"> 1. Door Lock Control Switch 2. Wire Harness 3. Body ECU | <p>BE-121</p> <p>-</p> <p>DI-893</p> |
| Only one side door lock control does not operate. | <ol style="list-style-type: none"> 1. Door Lock Motor 2. Wire Harness | <p>BE-121</p> <p>-</p> |
| Door key related function does not operate. | <ol style="list-style-type: none"> 1. Door Key Lock and Unlock Switch 2. Wire Harness 3. Body ECU | <p>BE-121</p> <p>-</p> <p>DI-893</p> |

BODY ELECTRICAL - TROUBLESHOOTING

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|--|---|---|
| Key confinement prevention function does not operate. | <ol style="list-style-type: none"> 1. Key Unlock Warning Switch 2. Door Courtesy Switch 3. Wire Harness 4. Body ECU | BE-21 BE-58 - DI-893 |
| Luggage compartment door opener function does not operate. | <ol style="list-style-type: none"> 1. Luggage Compartment Door Opener Switch 2. Luggage Compartment Door Opener Motor 3. Wire Harness 4. Body ECU | BE-121 BE-121 - DI-893 |

THEFT DETERRENT SYSTEM

- This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.
- Refer to DI section for warning light or indicator light not described in the table below.

| 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 Compartment Door Courtesy Switch 6. Wire Harness 7. Theft Deterrent ECU | BE-127 BE-21 BE-121 BE-58 BE-58 - DI-776 |
| The system cannot be canceled when the ignition switch is turned to ON with key. | <ol style="list-style-type: none"> 1. Key Unlock Warning Switch 2. Ignition Switch 3. RAD NO. 2 Fuse 4. Wire Harness 5. Theft Deterrent ECU | BE-21 BE-21 BE-15 - DI-776 |
| The system cannot be canceled when the luggage compartment door is unlocked with key. | <ol style="list-style-type: none"> 1. Luggage Compartment Door Courtesy Switch 2. Wire Harness 3. Theft Deterrent ECU | BE-58 - DI-776 |
| The system does not operate when the engine hood is opened. | <ol style="list-style-type: none"> 1. Engine Hood Courtesy Switch 2. Wire Harness 3. Theft Deterrent ECU | BE-58 - DI-776 |
| 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. Transmitter 4. Wire Harness 5. Theft Deterrent ECU | BE-21 BE-21 BE-136 - DI-776 |
| Some of the system does not operate. (Headlight does not light up.) | <ol style="list-style-type: none"> 1. Headlight System 2. Wire Harness 3. Theft Deterrent ECU | BE-31 - DI-776 |
| 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. Theft Deterrent ECU | BE-31 - DI-776 |
| Some of the system does not operate. (Self power siren or Horn does not sound.) | <ol style="list-style-type: none"> 1. HORN Fuse 2. Self Power Siren 3. Horn 4. Horn Relay 5. Wire Harness 6. Theft Deterrent ECU | BE-15 BE-127 BE-233 BE-233 - DI-776 |
| 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. Wire Harness 3. Theft Deterrent ECU | BE-121 - DI-776 |

| | | |
|---|--|---|
| While the warning is given, the system cannot be canceled by turning the ignition switch to ACC or ON with key. | <ol style="list-style-type: none"> 1. Ignition Switch 2. Key Unlock Warning Switch 3. RAD NO. 2 Fuse 4. ECU-IG Fuse 5. Wire Harness 6. Theft Deterrent ECU | BE-21 BE-21 BE-15 BE-15 - DI-776 |
| The system operates for more than 30 seconds. | Theft Deterrent ECU | DI-776 |

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.

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. Transmitter 2. Wireless Door Lock Control Receiver 3. Wire Harness 4. Body ECU | BE-136 BE-136 - DI-893 |

SLIDING ROOF SYSTEM:

HINT:

The sliding roof system must be initialized after any of the following is done:

- The battery is disconnected.
- The S/ROOF fuse is replaced.
- The sliding roof assembly (sliding roof ECU) is replaced.
- The sliding roof is removed and reinstalled or replaced.

Initialize the sliding roof system as follows:

- Using the tilt switch, tilt the roof fully upward, and then fully downward.
- Using the slide switch, fully open the roof, and then fully close it.

| Symptom | Suspect Area | See page |
|--|--|---|
| Sliding roof system does not operate. | <ol style="list-style-type: none"> 1. S/ROOF Fuse 2. ECU-IG Fuse 3. Front Personal Light (Sliding Roof Switch) 4. Sliding Roof Control Assembly 5. Wire Harness | BE-15 BE-15 BE-145 BE-145 - |
| Sliding roof system stops operation halfway. (Sliding roof reverses during close (down) operation.) | <ol style="list-style-type: none"> 1. Foreign object between sliding roof rail and glass 2. Incorrect sliding roof adjustment 3. Sliding Roof Control Assembly | - BO-126 BE-145 |
| Only "Key-off Sliding Roof Operation**" does not operate. | <ol style="list-style-type: none"> 1. Drivers Door Courtesy Switch 2. Sliding Roof Control Assembly 3. Body ECU 4. Wire Harness | BE-58 BE-145 DI-893 - |

*: The sliding roof can be operated for approximately 45 seconds, after the ignition switch is turned from ON to OFF with all doors closed. However, if the driver side door is opened during this time, the operation is canceled.

POWER SEAT CONTROL SYSTEM

| Symptom | Suspect Area | See page |
|--|--|-----------------------|
| Driver's seat does not operate. | 1. P/SEAT Fuse 2. Power Seat Switch 3. Wire Harness | BE-15 BE-151 - |
| "Slide operation" does not operate. | 1. Power Seat Switch 2. Wire Harness 3. Slide Motor | BE-151 - BE-151 |
| "Front Vertical Operation" does not operate. | 1. Power Seat Switch 2. Wire Harness 3. Front Vertical Motor | BE-151 - BE-151 |
| "Lifter Operation" does not operate. | 1. Power Seat Switch 2. Wire Harness 3. Lifter Motor | BE-151 - BE-151 |
| "Reclining Operation" does not operate. | 1. Power Seat Switch 2. Wire Harness 3. Reclining Motor | BE-151 - BE-151 |

(D): Driver's Seat

(P): Passenger's Seat

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 mirrors do not operate. | 1. Mirror Switch 2. Wire Harness | BE-159 - |
| Only one side of mirror does not operate. | 1. Mirror Motor 2. Wire Harness | BE-159 - |

SEAT HEATER SYSTEM

| Symptom | Suspect Area | See page |
|---|---|--------------------------------|
| Driver's seat heater does not operate. | 1. SEAT HTR Fuse 2. Seat Heater Switch (D, P) 3. Seat Heater 4. Wire Harness | BE-15 BE-165 BE-165 - |
| Passenger's seat heater does not operate. | 1. SEAT HTR Fuse 2. Seat Heater Switch (D, P) 3. Seat Heater 4. Wire Harness | BE-15 BE-165 BE-165 - |
| Seat heater temperature is too hot. | Seat Heater | BE-165 |

AUDIO SYSTEM

| Symptom | Suspect Area | See page |
|----------------------------------|-----------------|----------|
| Audio system abnormal operation. | TROUBLESHOOTING | BE-179 |

CLOCK SYSTEM (in A/C Control Panel)

| Symptom | Suspect Area | See page |
|---|-----------------------|----------|
| Passenger seat belt warning system does not light up. | TROUBLESHOOTING NO. 1 | BE-210 |
| Clock will not operate. | TROUBLESHOOTING NO. 1 | BE-210 |
| Clock loses or gains time. | TROUBLESHOOTING NO. 2 | BE-210 |

ENGINE IMMOBILIZER SYSTEM

| Symptom | Suspect Area | See page |
|---|----------------------|----------|
| Engine immobilizer system does not operate. | See DIAGNOSIS SYSTEM | DI-849 |

HORN SYSTEM

| Symptom | Suspect Area | See page |
|--|---|--|
| Horn system does not operate. | 1. HORN Fuse 2. Horn Relay 3. Horn Switch 4. Horn 5. Wire Harness | BE-15 BE-233 BE-233 BE-233 - |
| Horns blow all the time. | 1. Horn Relay 2. Horn Switch 3. Wire Harness | BE-233 BE-233 - |
| One horn operates but the other horn does not operate. | 1. Horn 2. Wire Harness | BE-233 - |
| Horns operate abnormally. | 1. Horn Relay 2. Horn 3. Wire Harness | BE-233 BE-233 - |

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-219 - - |
| LED does not light up. (Even though either switch is pressed.) | 1. Garage Door Opener 2. Wire Harness | BE-219 - |
| LED does not light up. (Only one switch is pressed.) | Garage Door Opener | BE-219 |

* 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.