TROUBLESHOOTING

BE0ON–03

PROBLEM SYMPTOMS TABLE

IGNITION SWITCH AND KEY UNLOCK WARNING SWITCH:

Symptom	Suspect Area	See page
Ignition switch is not set to each position.	1. Ignition Switch	BE–15
"Key unlock warning system" does not operate.	1. GAUGE Fuse 2. Key Unlock Warning Switch 3. Door Courtesy Switch 4. Body Control System 5. Combination Meter 6. Wire Harness	BE–11 BE–15 BE–31 DI–348 – –

HEADLIGHT AND TAILLIGHT SYSTEM

Symptom	Suspect Area	See page
Headlight does not light.(Taillight is normal.)	1. HEAD Fuse (LH, RH) 2. Headlight Relay 3. Headlight Dimmer Switch 4. Light Control Switch 5. Body Control System 6. Headlight Bulb 7. Wire Harness	BE–11 BE–15 BE–15 BE–15 DI–348 – –
Headlight does not light. (Taillight does not light up.)	1. Light Control Switch 2. Body Control System 3. Headlight Bulb 4. Wire Harness	BE–15 DI–348 – –
Only one side light does not light.	1. HEAD Fuse 2. Headlight Bulb 3. Wire Harness	BE–11 – –
"Lo–Beam" does not light.	1. Light Control Switch	BE–15
"Lo–Beam" does not light. (ALL)	1. Headlight Dimmer Switch 2. Body Control System 3. Wire Harness	BE–15 BE–15 –
"Lo–Beam" does not light. (ONE SIDE)	1. HEAD LO (LH) Fuse 2. HEAD LO (RH) Fuse 3. Headlight Bulb 4. Wire Harness	BE–11 BE–11 – –
"Hi–Beam" does not light. (ALL)	1. Headlight Dimmer Switch 2. Body Control System 3. Wire Harness	BE–15 DI–348 –
"Hi–Beam" does not light. (ONE SIDE)	1. HEAD HI (LH) Fuse 2. HEAD HI (RH) Fuse 3. Headlight Bulb 4. Wire Harness	BE–11 BE–11 – –
"Flash" does not light.	1. Headlight Dimmer Switch 2. Body Control System 3. Wire Harness	BE–15 DI–348 –
"Light–on warning System" does not operate	1. GAUGE Fuse 2. Door courtesy Switch (Driver's) 3. Body Control System 4. Combination Meter 5. Wire Harness	BE–11 BE–31 DI–348 – –

Headlight does not light with light control SW in HEAD.	1. Light Control Switch 2. Body Control System 3. Wire Harness	BE–18 DI–348 –
Headlight does not go out with light control SW in OFF.	1. Headlight Relay 2. Body Control System 3. Wire Harness	BE–18 DI–348 –
Taillight does not light with light control SW in TAIL.	1. Taillight Relay 2. Light Control Switch 3. Body Control System	BE–18 BE–18 DI–348
Taillight does not go out with light control SW in OFF.	1. Taillight Relay 2. Light Control Switch 3. Body Control System 4. Wire Harness	BE–18 BE–18 DI–348 –
Headlight does not light with engine running and light control SW in OFF.	1. GAUGE Fuse 2. Combination Meter 3. Generator L Terminal 4. Parking Brake Switch 5. Body Control System 6. Wire Harness	BE–11 – BE–52 DI–348 –

HEADLIGHT BEAM LEVEL CONTROL SYSTEM

Symptom	Suspect Area	See page
Headlight beam level control system does not operate. (All)	1. HEAD (RH) Fuse 2. Headlight beam level control Switch 3. Headlight beam level control Actuator 4. Wire Harness	BE–11 BE–23 BE–23
Headlight beam level control system does not operate. (One side)	1. Headlight beam level control Switch 2. Headlight beam level control Actuator 3. Wire Harness	BE–23 BE–23
Abnormal operation. (All)	1. Headlight beam level control Switch 2. Headlight beam level control Actuator 3. Wire Harness	BE–23 BE–23
Abnormal operation. (One side)	1. Headlight beam level control Switch 2. Headlight beam level control Actuator 3. Wire Harness	BE–23 BE–23

FOG LIGHT SYSTEM

Symptom	Suspect Area	See page
Front fog light does not light with light control switch at HEAD. (Headlight is normal.)	1. FOG Fuse 2. Front Fog Light Relay 3. Front Fog Light Switch 4. Wire Harness	BE–11 BE–25 BE–25 –
Front fog light does not light with light control switch at HEAD. (Headlight does not light up.)	1. Headlight and Taillight System 2. Wire Harness	BE–2 –
Only one light does not light up.	1. Bulb 2. Wire Harness	– –
Rear fog light does not light with light control switch TAIL or HEAD. (Headlight is normal.)	1. Bulb 2. DOME Fuse 3. Rear fog light switch 4. Wire Harness	 BE–11 BE–25
Rear fog light does not light with light control switch TAIL or HEAD. (Headlight does not light.)	1. Inspect Headlight and Taillight System 2. Wire Harness	BE–2
Only one rear fog light does not light.	1. Bulb 2. Wire Harness	

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 Flasher 3. Wire Harness	BE–28 BE–28 –
The flashing frequency is abnormal.	1. Bulb 2. Turn Signal Flasher 3. Wire Harness	– BE–28 –
Hazard warning light does not light up. (Turn is normal.)	1. HAZARD Fuse 2. Wire Harness	BE–11 –
Hazard warning light does not light up in one direction.	1. Hazard Warning Switch 2. Wire Harness	BE–28 –
Turn signal does not light up. (Combination meter, wiper and washer do not operate.)	1. Ignition Switch 2. TURN Fuse 3. Turn Signal Switch 4. Wire Harness	BE–15 BE–11 BE–28 –
Turn signal does not light up. (Combination meter, wiper and washer are normal.)	1. TURN Fuse 2. Turn Signal Switch 3. Wire Harness	BE–11 BE–28 –
Turn signal does not light up in one direction.	1. Turn Signal Switch 2. Wire Harness	BE–28 –
Only one bulb does not light up.	1. Bulb 2. Wire Harness	– –

INTERIOR LIGHT SYSTEM

Symptom	Suspect Area	See page
Only one light does not light up.	1. Bulb 2. Wire Harness	– –
Front interior light does not light up.	1. Bulb 2. Map Light Assembly 3. Wire Harness	– BE–31 –
Rear interior light does not light up.	1. Bulb 2. DOME Fuse 3. Luggage compartment courtesy switch 4. Wire Harness	– BE–11 BE–31 –
The illumination does not fade out when all the doors are closed.	1. Courtesy Switch 2. Body Control System 3. Wire Harness	BE–31 DI–348 –
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. Body Control System 5. Wire Harness	BE–15 BE–11 BE–11 DI–348 –
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. Body Control System 3. Wire Harness	BE–75 DI–348 –

BACK–UP LIGHT SYSTEM

Symptom	Suspect Area	See page
Back–up light does not light up.	1. GAUGE Fuse 2. Back–up Light Switch (M/X) 3. Neutral Start Switch (A/X) 4. Bulb 5. Wire Harness	BE–11 BE–34 DI–46 – –
Back–up light remains always ON.	1. Wire Harness	–
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. Bulb 4. Wire Harness	BE–11 BE–36 – –
Stop light remains always ON.	1. Stop Light Switch 2. Wire Harness	BE–36 –
Only one light does not light up.	1. Bulb 2. Wire Harness	– –

WIPER AND WASHER SYSTEM

Symptom	Suspect Area	See page
Wipers and washers do not operate.	1. WIPER Fuse 2. Ignition Switch 3. Wiper and Washer Switch 4. Wire Harness	BE–11 BE–15 BE–38 –
Front wiper does not operate.	1. Front Wiper and Washer Switch 2. Front Wiper Motor 3. Wire Harness	BE–38 BE–38 –
Rear wiper does not operate.	1. Rear Wiper and Washer Switch 2. Rear Wiper Motor and Relay 3. Wire Harness	BE–38 BE–38 –
Front washer does not operate.	1. Front Wiper and Washer Switch 2. Washer Motor 3. Wire Harness	BE–38 BE–38 –
Rear washer does not operate.	1. Rear Wiper and Washer Switch 2. Washer Motor 3. Wire Harness	BE–38 BE–38 –

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 2. Meter Circuit 3. Wire Harness	BE–11 BE–48 –
Speedometer does not operate.	1. Vehicle Speed Sensor (Australia) 2. ABS Speed Sensor or ABS ECU (Europe) 3. Meter Circuit 4. Wire Harness	BE–52 BE–48 –
Tachometer does not operate.	1. Igniter 2. Engine and ECT ECU 3. Meter Circuit 4. Wire Harness	– – BE–48 –

Fuel gauge does not operate or abnormal operation.	1. Fuel Receiver Gauge 2. Fuel Sender Gauge 3. Meter Circuit 4. Wire Harness	BE–52 BE–52 BE–48 –
Engine coolant temperature gauge does not operate or abnormal operation.	1. Water Temperature Receiver Gauge 2. Water Temperature Sender Gauge 3. Meter Circuit 4. Wire Harness	BE–52 BE–52 BE–48 –
All illumination lights do not light up.	1. TAIL Fuse (I/P J/B) 2. Light Control Rheostat 3. Meter Circuit 4. Wire Harness	BE–11 BE–52 BE–48 –
Only one illumination light does not light up.	1. LED 2. Meter Circuit	– BE–48

COMBINATION METER (Warning Lights):

Symptom	Suspect Area	See page
Warning lights do not light up. (Except discharge and door open.)	1. Bulb or LED 2. IGN Fuse 3. Ignition Switch 4. Meter Circuit 5. Generator 6. Wire Harness	– BE–11 BE–15 BE–48 – –
Brake warning Light does not light up.	1. LED 2. Brake Fluid Level Warning Switch 3. Parking Brake Switch 4. Meter Circuit 5. Wire Harness	– BE–52 BE–52 BE–48 –
Seat belt warning light does not light up.	1. LED 2. Seat Belt Buckle Switch 3. Body Control System 4. Meter Circuit 5. Wire Harness	– BE–52 DI–348 BE–48 –
Low oil pressure warning light does not light up.	1. LED 2. Low Oil Pressure Warning Switch 3. Meter Circuit 4. Wire Harness	– BE–52 BE–48 –
Door open warning light does not light up.	1. LED 2. DOME Fuse 3. Door Courtesy Switch 4. Luggage Room Light Switch 5. Body Control System 6. Meter Circuit 7. Wire Harness	– BE–11 BE–31 BE–31 DI–348 BE–48 –

COMBINATION METER (Indicator Lights):

Symptom	Suspect Area	See page
SRS indicator light does not light up.	1. LED 2. Airbag Sensor Assembly 3. Wire Harness	– DI–116 –
ABS indicator light does not light up.	1. LED 2. Wire Harness	– –
Malfunction indicator light does not light up.	1. LED 2. Engine and ECT ECU 3. Wire Harness	– – –
A/T shift position indicator light does not light up.	1. LED or LCD 2. Neutral start Switch 3. Light Control Rheostat 4. Meter Circuit 5. Wire Harness	– DI–46 BE–52 BE–48 –
O/D OFF indicator light does not light up.	1. LED or LCD 2. O/D Main Switch 3. Engine and ECT ECU 4. Meter Circuit 5. Wire Harness	– DI–52 – BE–48 –
Turn indicator light does not light up.	1. Bulb 2. Turn Signal and Hazard Warning System 3. Meter Circuit 4. Wire Harness	– BE–2 BE–48 –
High beam indicator light does not light up.	1. Bulb 2. Headlight and Taillight System 3. Meter Circuit 4. Wire Harness	– BE–2 BE–48 –
CRUISE indicator light does not light up.	1. LED 2. Cruise Control ECU 3. Meter Circuit 4. Wire Harness	– DI–275 BE–48 –

DEFOGGER SYSTEM

Symptom	Suspect Area	See page
All defogger systems do not operate.	1. HTR Fuse (I/P J/B) 2. DEF Fuse (I/P J/B) 3. Defogger Relay (I/P J/B) 4. Defogger Switch 5. Wire Harness	BE–11 BE–11 BE–59 BE–59 –
Rear window defogger does not operate.	1. Defogger Wires 2. Wire Harness	BE–59 –

POWER WINDOW CONTROL SYSTEM

Symptom	Suspect Area	See page
Power window does not operate.	1. POWER Fuse 2. GAUGE Fuse 3. Ignition Switch 4. Power Window Master Switch 5. Wire Harness	BE–11 BE–11 BE–15 BE–68 –
”One touch power window system” does not operate.	1. Power Window Master Switch	BE–68
Only one window glass does not move.	1. Power Window Master Switch 2. Power Window Motor 3. Wire Harness	BE–68 BE–68 –

”Window lock system” does not operate.	1. Power Window Master Switch	BE–68
Illumination does not light up.	1. Power Window Master Switch	BE–68

POWER DOOR LOCK CONTROL SYSTEM

Symptom	Suspect Area	See page
”Door lock control system” does not operate.(ALL)	1. Body Control System 2. DOOR Fuse 3. GAUGE Fuse 4. Wire Harness 5. Other Parts	DI–348 BE–11 BE–11 – –
Malfunction in Door Lock / Unlock. (Using door manual switch.)	1. Door Lock Control Switch 2. Body Control System 3. Wire Harness 4. Other Parts	BE–75 DI–348 – –
Malfunction in Door Lock / Unlock. (Using door manual switch and key.)	1. Wire Harness 2. Other Parts	– –
Malfunction in Door Lock / Unlock. (Using key.)	1. Door Unlock Detection Switch 2. Body Control System 3. Wire Harness 4. Other Parts	BE–75 DI–348 – –
Fault in 2 – Operation unlock function of driver’s side door key lock and unlock switch.	1. Door Unlock Detection Switch 2. Body Control System 3. Wire Harness 4. Other Parts	BE–75 DI–348 – –
Fault in key confine prevention operation.	1. Door Unlock Detection Switch 2. Door Courtesy Switch 3. Door Lock Control Switch 4. Body Control System 5. Wire Harness 6. Other Parts	BE–75 BE–31 BE–75 DI–348 – –
Only one door lock does not operate.	1. Door Lock Motor 2. Wire Harness	BE–75 –

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. Wireless Door Lock Receiver 5. Body Control System 6. Wire Harness	BE–31 BE–75 BE–15 BE–89 DI–348 –
Only door unlock operation is not possible (Lock operation is possible).	1. Door key Lock and Unlock Switch 2. Door Unlock Detection Switch 3. Wireless Door Lock Receiver 4. Body Control System 5. Wire Harness	BE–75 BE–75 BE–89 DI–348 –
Only door lock operation is not possible (Unlock operation is possible).	1. Door key Lock and Unlock Switch 2. Wireless Door Lock Receiver 3. Wire Harness	BE–75 BE–89 –
Only key confinement prevention function is not possible.	1. Key Unlock Warning Switch 2. Wireless Door Lock Receiver 3. Wire Harness	BE–15 BE–89 –
• 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.	1. Door Courtesy Switch 2. Wireless Door Lock Receiver 3. Wire Harness	BE–31 BE–89 –
Wireless door lock functions incorrectly. (Although one door is unlocked, when the transmitter switch is pressed, all doors are unlocked.)	1. Door Unlock Detection Switch 2. Wireless Door Lock Receiver 3. Wire Harness	BE–75 BE–89 –
Warning operation will not be performed even if the panic button is pressed.	1. Wireless Door Lock Receiver 2. Wire Harness	BE–89 –

SLIDING ROOF SYSTEM

Symptom	Suspect Area	See page
Sliding roof system does not operate.	1. GAUGE Fuse (I/P J/B) 2. POWER Fuse (I/P J/B) 3. Sliding Roof Control Assembly 4. Sliding Roof Switch 5. Wire Harness	BE–11 BE–11 BE–100 BE–100 –
Sliding roof system operates abnormally.	1. Sliding Roof Control Assembly 2. Sliding Roof Switch 3. Wire Harness	BE–100 BE–100 –
Sliding roof system stops operation half way.	1. Sliding Roof Control Assembly 2. Sliding Roof Switch	BE–100 BE–100
”Key–off Sliding Roof” operation does not operate.	1. POWER Fuse 2. GAUGE Fuse 3. Ignition Switch 4. Door Courtesy Switch 5. Body Control System 6. Wire Harness	BE–11 BE–11 BE–15 BE–31 DI–348 –

POWER MIRROR CONTROL SYSTEM

Symptom	Suspect Area	See page
Mirror does not operate.	1. CIG & RAD Fuse 2. Mirror Switch 3. Mirror Motor	BE–11 BE–102 BE–102
Mirror operates abnormally.	1. Mirror Switch 2. Mirror Motor 3. Wire Harness	BE–102 BE–102 –