

# TROUBLESHOOTING

## PROBLEM SYMPTOMS TABLE

BE00N-18

### IGNITION SWITCH AND KEY UNLOCK WARNING SWITCH

Symptom	Suspected Area	See page
Ignition switch is not set to each position.	11. Ignition switch	BE-14
"Key unlock warning system" does not operate.	1. GAUGE fuse 2. Key unlock warning switch 3. Door courtesy switch 4. Wire harness	BE-10 BE-14 BE-24 –

### w/ Daytime Running Light System: HEADLIGHT AND TAILLIGHT SYSTEM

Symptom	Suspected Area	See page
Headlight does not light. (Taillight is normal.)	1. Headlight dimmer switch 2. Light control switch 3. Headlight control relay 4. Daytime running light relay 5. Headlight dimmer relay 6. Daytime running light No. 4 relay 7. Body ECU 8. Headlight bulb 9. Wire harness	BE-17 BE-17 BE-17 BE-17 BE-17 BE-17 DI-768 – –
Headlight does not light. (Taillight does not light up.)	1. Headlight dimmer switch 2. Light control switch 3. Headlight control relay 4. Daytime running light relay 5. Headlight dimmer relay 6. Daytime running light No. 4 relay 7. Headlight bulb 8. Wire harness	BE-10 BE-17 BE-17 BE-17 BE-17 BE-17 – –
Only one side light does not light.	1. HEAD fuse (HI LH, HI RH, LO LH, LO RH) 2. Headlight bulb 3. Wire harness	BE-10 – –
"Lo-beam" does not light. (All)	1. HEAD fuse (LO LH, LO RH) 2. Headlight dimmer switch 3. Headlight dimmer relay 4. Headlight bulb 5. Wire harness	BE-10 BE-17 BE-17 – –
"Lo-beam" does not light. (One side)	1. HEAD fuse (LO LH, LO RH) 2. Headlight bulb 3. Wire harness	BE-10 – –
"Hi-beam" does not light. (All)	1. HEAD fuse (HI LH, HI RH) 2. Headlight dimmer switch 3. Headlight dimmer relay 4. Headlight bulb 5. Wire harness	BE-10 BE-17 BE-17 – –
"Hi-beam" does not light. (One side)	1. HEAD fuse (HI LH, HI RH) 2. Headlight bulb 3. Wire harness	BE-10 – –
"Flash" does not light.	1. Headlight dimmer switch 2. Wire harness	BE-17 –
Headlight does not light with light control switch in HEAD.	1. Light control switch 2. Wire harness	BE-17 –

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Headlight does not go out with light control switch in OFF.	1. Light control switch 2. Wire harness	BE-17 -
Taillight does not light with light control switch in TAIL.	1. Taillight control relay 2. TAIL fuse 3. Light control switch 4. Wire harness	BE-17 BE-10 BE-17 -
Taillight does not go out with light control switch in OFF.	1. Taillight control relay 2. TAIL fuse 3. Light control switch 4. Wire harness	BE-17 BE-10 BE-17 -
Headlight does not light with engine running and light control switch in OFF.	1. ECU-B fuse 2. Generator L terminal 3. Daytime running light relay 4. Wire harness	BE-10 - BE-17 -

**w/o Daytime Running Light System:  
HEADLIGHT AND TAILLIGHT SYSTEM**

Symptom	Suspected Area	See page
Headlight does not light. (Taillight is normal.)	1. HEAD fuse (LH, RH) 2. Headlight control relay 3. Headlight dimmer switch 4. Light control switch 5. Body ECU 6. Headlight bulb 7. Wire harness	BE-10 BE-17 BE-17 BE-17 DI-768 - -
Headlight does not light. (Taillight does not light up.)	1. HEAD fuse (LH, RH) 2. Headlight control relay 3. Headlight dimmer switch 4. Light control switch 5. Headlight bulb 6. Wire harness	BE-10 BE-17 BE-17 BE-17 - -
Only one side light does not light.	1. HEAD fuse (LH, RH) 2. Headlight bulb 3. Wire harness	BE-10 - -
"Lo-beam" does not light. (All)	1. HEAD fuse (LH, RH) 2. Headlight dimmer switch 3. Headlight bulb 4. Wire harness	BE-10 BE-17 - -
"Lo-beam" does not light. (One side)	1. HEAD fuse (LH, RH) 2. Headlight bulb 3. Wire harness	BE-10 - -
"Hi-beam" does not light. (All)	1. HEAD fuse (LH, RH) 2. Headlight dimmer switch 3. Headlight bulb 4. Wire harness	BE-10 BE-17 - -
"Hi-beam" does not light. (One side)	1. HEAD fuse (LH, RH) 2. Headlight bulb 3. Wire harness	BE-10 - -
"Flash" does not light.	1. HEAD fuse (LH, RH) 2. Headlight dimmer switch 3. Headlight bulb 4. Wire harness	BE-10 BE-17 - -
Headlight does not light with light control switch in HEAD.	1. Light control switch 2. Wire harness	BE-17 -

Headlight does not go out with light control switch in OFF.	1. Light control switch 2. Wire harness	BE-17 –
Taillight does not light with light control switch in TAIL.	1. Taillight control relay 2. TAIL fuse 3. Light control switch 4. Wire harness	BE-17 BE-10 BE-17 –
Taillight does not go out with light control switch in OFF.	1. Taillight control relay 2. TAIL fuse 3. Light control switch 4. Wire harness	BE-17 BE-10 BE-17 –

**TURN SIGNAL AND HAZARD WARNING SYSTEM**

Symptom	Suspected Area	See page
"Hazard" and "Turn" do not light up.	1. Hazard warning switch 2. Turn signal switch 3. Wire harness	BE-22 BE-22 –
The flashing frequency is abnormal.	1. Bulb 2. Turn signal flasher relay 3. Wire harness	– BE-22 –
Hazard warning light does not light up. (Turn is normal.)	1. HORN. HAZ fuse 2. Hazard warning switch 3. Wire harness	BE-10 BE-22 –
Hazard warning light does not light up in one direction.	1. Hazard warning switch 2. Wire harness	BE-22 –
Turn signal does not light up.	1. TURN fuse 2. Ignition switch 3. Turn signal switch 4. Wire harness	BE-10 BE-14 BE-22 –
Turn signal does not light up in one direction.	1. Turn signal switch 2. Wire harness	BE-22 –
Only one bulb does not light up.	1. Bulb 2. Wire harness	– –

**INTERIOR LIGHT SYSTEM**

Symptom	Suspected Area	See page
Personal light does not light up.	1. Bulb 2. Personal light 3. Body ECU 4. Wire harness	– BE-24 DI-768 –
Room light does not light up.	1. Bulb 2. Room light 3. Door courtesy switch 4. Body ECU 5. Wire harness	– BE-24 BE-24 DI-768 –

**BACK-UP LIGHT SYSTEM**

Symptom	Suspected Area	See page
Back-up light does not light up.	1. GAUGE fuse 2. Ignition switch 3. Back-up light switch 4. Bulb 5. Wire harness	BE-10 BE-14 BE-27 – –

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Back-up light remains always ON.	1. Back-up light switch (M/T) 2. Park/Neutral position switch (A/T)  3. Wire harness	BE-27 AT-22 or AT-9, DI-482 -
Only one light does not light up.	1. Bulb 2. Wire harness	- -

**STOP LIGHT SYSTEM**

Symptom	Suspected Area	See page
Stop light does not light up.	1. STOP fuse 2. Stop light switch 3. Bulb 4. Wire harness	BE-10 BE-29 - -
Stop light remains always ON.	1. Stop light switch 2. Wire harness	BE-29 -
Only one light does not light up.	1. Bulb 2. Wire harness	- -

**WIPER AND WASHER SYSTEM**

Symptom	Suspected Area	See page
Wipers and washers do not operate.	1. WIPER fuse 2. Ignition switch 3. Wiper and washer switch 4. Wire harness	BE-10 BE-14 BE-31 -
Wiper does not operate.	1. WIPER fuse 2. Wiper and washer switch 3. Wiper motor 4. Wire harness	BE-10 BE-31 BE-31 -
Washer does not operate.	1. WIPER fuse 2. Wiper and washer switch 3. Washer motor 4. Wire harness	BE-10 BE-31 BE-31 -

**Meter, Gauges and Illumination:  
COMBINATION METER**

Symptom	Suspected Area	See page
Tachometer, fuel gauge and water temperature gauge do not operate.	1. GAUGE fuse 2. Body ECU 3. Meter circuit 4. Wire harness	BE-10 DI-768 BE-37 -
Speedometer does not operate.	1. Vehicle speed sensor 2. Meter circuit 3. Wire harness	BE-39 BE-37 -
Tachometer does not operate.	1. ECM 2. Meter circuit 3. Wire harness 4. Igniter	2RZ-FE, 3RZ-FE 5VZ-FE DI-22 DI-240 BE-37 - IG-1 or IG-1
Fuel gauge does not operate or abnormal operation.	1. Fuel receiver gauge 2. Fuel sender gauge 3. Meter circuit 4. Wire harness	BE-39 BE-39 BE-37 -

Engine coolant temperature gauge does not operate or abnormal operation.	<ol style="list-style-type: none"> <li>1. Engine coolant temperature receiver gauge</li> <li>2. Engine coolant temperature sender gauge</li> <li>3. ECM 2RZ-FE, 3RZ-FE 5VZ-FE</li> <li>4. Meter circuit</li> <li>5. Wire harness</li> </ol>	<a href="#">BE-39</a> <a href="#">BE-39</a> <a href="#">DI-22</a> <a href="#">DI-240</a> <a href="#">BE-37</a> -
All illumination lights do not light up.	<ol style="list-style-type: none"> <li>1. Light control rheostat</li> <li>2. Meter circuit</li> <li>3. Wire harness</li> </ol>	<a href="#">BE-39</a> <a href="#">BE-37</a> -
Only one illumination light does not light up.	<ol style="list-style-type: none"> <li>1. Bulb</li> <li>2. Meter circuit</li> </ol>	- <a href="#">BE-37</a>

**Warning Lights:****COMBINATION METER**

Symptom	Suspected Area	See page
Warning lights do not light up. (Except discharge)	<ol style="list-style-type: none"> <li>1. Bulb</li> <li>2. GAUGE fuse</li> <li>3. Ignition switch</li> <li>4. Meter circuit</li> <li>5. Wire harness</li> </ol>	- <a href="#">BE-10</a> <a href="#">BE-14</a> <a href="#">BE-37</a> -
Low oil pressure warning light does not light up.	<ol style="list-style-type: none"> <li>1. Bulb</li> <li>2. Oil pressure warning switch</li> <li>3. Meter circuit</li> <li>4. Wire harness</li> </ol>	- <a href="#">BE-39</a> <a href="#">BE-37</a> -
Brake warning light does not light up.	<ol style="list-style-type: none"> <li>1. Bulb</li> <li>2. Brake fluid level warning switch</li> <li>3. Parking brake switch</li> <li>4. Meter circuit</li> <li>5. Wire harness</li> </ol>	- <a href="#">BE-39</a> <a href="#">BE-39</a> <a href="#">BE-37</a> -
Washer level warning light does not light up.	<ol style="list-style-type: none"> <li>1. Bulb</li> <li>2. Washer fluid level warning switch</li> <li>3. Meter circuit</li> <li>4. Wire Harness</li> </ol>	- <a href="#">BE-39</a> <a href="#">BE-37</a> -
Discharge warning light does not light up.	<ol style="list-style-type: none"> <li>1. IGN Fuse</li> <li>2. Bulb</li> <li>3. Wire harness</li> <li>4. Generator</li> </ol>	- - -
Seat belt warning light does not light up.	<ol style="list-style-type: none"> <li>1. Bulb</li> <li>2. Seat belt buckle switch</li> <li>3. Body ECU</li> <li>4. Meter circuit</li> <li>5. Wire harness</li> </ol>	- <a href="#">BE-39</a>  <a href="#">BE-37</a> -

**Indicator Lights:****COMBINATION METER**

Symptom	Suspected Area	See page
SRS indicator light does not light up.	<ol style="list-style-type: none"> <li>1. Bulb</li> <li>2. Airbag sensor assembly</li> <li>3. Meter circuit</li> <li>4. Wire harness</li> </ol>	- <a href="#">DI-586</a> <a href="#">BE-37</a> -
ABS indicator light does not light up.	<ol style="list-style-type: none"> <li>1. Bulb</li> <li>2. ABS ECU</li> <li>3. Meter circuit</li> <li>4. Wire harness</li> </ol>	- <a href="#">DI-543</a> <a href="#">BE-37</a> -

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Malfunction indicator light does not light up.	1. Bulb 2. ECM 3. Wire harness	2RZ-FE, 3RZ-FE 5VZ-FE	- DI-22 DI-240 -
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-37 -
High beam indicator light does not light up.	1. Bulb 2. Headlight and taillight system 3. Meter circuit 4. Wire harness		- BE-2 BE-37 -
O/D OFF indicator light does not light up	1. Bulb 2. Meter Circuit 3. ECM 4. Wire Harness		- BE-37 AT-2 or DI-522 -
A/T OIL TEMP. indicator light does not light up	1. Bulb 2. Meter Circuit 3. ECM 4. Wire Harness		- BE-37 DI-473 -
ECT PWR indicator light does not light up	1. Bulb 2. Meter Circuit 3. Pattern select switch 4. Wire Harness		- BE-37 DI-528 -
A/T P indicator light does not light up	1. Bulb 2. Meter Circuit 3. ECM 4. Wire Harness	2RZ-FE, 3RZ-FE 5VZ-FE	- BE-37 DI-22 DI-240 -
Cruise control indicator lights do not light up	1. Bulb 2. Meter Circuit 3. ECM (w/ ETCS) 4. Cruise ECU (w/o ETCS) 5. Wire Harness		- BE-37 DI-699 DI-728 -

**POWER WINDOW CONTROL SYSTEM**

Symptom	Suspected Area	See page
Power window does not operate.	1. ECU-IG fuse 2. Ignition switch 3. Power window master switch 4. Power window control switch 5. Power main relay 6. Body ECU 7. Wire harness	BE-10 BE-10 BE-48 BE-48 BE-48 -
"One touch power window system" does not operate.	1. Power window master switch	BE-48
Only one window glass does not move.	1. Power window master switch 2. Power window control switch 3. Power window motor 4. Wire harness	BE-48 BE-48 BE-48 -
"Window lock system" does not operate.	1. Power window master switch	BE-48
Illumination does not light up.	1. Power window master switch	BE-48

**POWER DOOR LOCK CONTROL SYSTEM**

Symptom	Suspected Area	See page
"Door lock control system" does not operate. (All)	1. ECU-IG fuse 2. DOME fuse 3. Body ECU 4. Wire harness 5. Other parts	BE-10 BE-10 DI-765 – –
Malfunction in door lock / unlock. (Using door manual switch.)	1. Door lock control switch 2. Wire harness 3. Other parts	BE-54 – –
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 key lock and unlock warning switch 2. Door unlock detection switch 3. Wire harness 4. Other parts	BE-54 – –
Fault in 2 – operation unlock function of driver's side door key lock and unlock switch.	1. Door key lock and unlock warning switch 2. Door unlock detection switch 3. Wire harness 4. Other parts	BE-54 – –
Fault in key confine prevention operation.	1. Door unlock detection switch 2. Door courtesy switch 3. Door lock control switch 4. Wire harness 5. Other parts	BE-54 BE-24 BE-54 – –
Only one door lock does not operate.	1. Door lock motor 2. Wire harness	BE-54 –

**POWER SEAT CONTROL SYSTEM**

Lumbar support operation does not operate.	1. Power seat switch (Lumber support switch) 2. Lumbar support motor 3. wire Harness	BE-59 BE-59 –
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**POWER MIRROR CONTROL SYSTEM**

Symptom	Suspected Area	See page
Mirror does not operate.	1. ACC fuse 2. Mirror switch 3. Mirror motor	BE-10 BE-62 BE-62
Mirror operates abnormally.	1. Mirror switch 2. Mirror motor 3. Wire harness	BE-62 BE-62 –

**CLOCK SYSTEM**

Symptom	Suspected Area	See page
Clock will not operate.	TROUBLESHOOTING NO. 1	BE-99
Clock loses or gains time.	TROUBLESHOOTING NO. 2	BE-99

**HORN SYSTEM**

Symptom	Suspected Area	See page
Horn system does not operate.	1. HORN. HAZ fuse 2. Horn switch 3. Horn 4. Body ECU 5. Wire harness	BE-10 –

## BODY ELECTRICAL – TROUBLESHOOTING

Horns blow all the time.	1. Horn switch 2. Wire harness	BE-102 –
One horn operates but the other horn does not operate.	1. Horn 2. Wire harness	BE-102 –
Horns operate abnormally.	1. Horn 2. Wire harness	BE-102 –