

TROUBLESHOOTING

PROBLEM SYMPTOMS TABLE

BE14I-01

IGNITION SWITCH AND 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
Ignition switch is not set to each position.	1. Ignition switch 2. Power source circuit	BE-21 -
Key unlock warning system does not operate. (The buzzer sounds when the ignition key is ACC or ON)	1. Ignition switch 2. Wire harness	BE-21 -

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.

Symptom	Suspect Area	See page
Only one headlight comes on.	1. Bulb 2. Wire harness	- -
LO-beam does not light (All).	1. Headlight dimmer switch circuit (Body control system) 2. Headlight dimmer relay 3. Wire harness 4. Body control ECU	DI-503 BE-28 - -
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-14 BE-14 -
HI-beam does not light (All).	1. Headlight dimmer switch circuit (Body control system) 2. Headlight dimmer relay 3. Wire harness 4. Body control ECU	DI-503 BE-28 - -
HI-beam does not light (One side).	1. Bulb 2. H-LP L UPR fuse 3. H-LP R UPR fuse 4. Wire harness	- BE-14 BE-14 -
Flash does not light.	1. H-LP L UPR fuse 2. H-LP R UPR fuse 3. Headlight dimmer switch circuit (Body control system) 4. Wire harness	BE-14 BE-14 DI-503 -
Headlight does not come on.	1. Headlight control relay circuit (Body control system) 2. Light control switch circuit (Body control system) 3. Wire harness 4. Body control ECU	DI-508 DI-503 - -
Headlight flickers.	1. Bulb 2. Wire harness	- -
Headlight is dark.	1. Bulb 2. Wire harness	- -
Only one rear combination light comes on.	1. Bulb 2. STOP & TAIL1 fuse 3. STOP & TAIL2 fuse 4. STOP & TAIL3 fuse 5. STOP & TAIL4 fuse 6. Wire harness	- BE-14 BE-14 BE-14 BE-14 -

BODY ELECTRICAL - TROUBLESHOOTING

Rear combination light does not come on. (Headlight is normal)	1. LUG/B fuse 2. Rear light control system 3. Wire harness 4. Body control ECU	BE-14 DI-687 - -
Rear combination light does not come on. (Headlight does not light)	1. Light control switch circuit (Body control system) 2. Wire harness 3. Body control ECU	DI-503 - -
Only one front clearance or fender light comes on	1. Bulb 2. TAIL fuse 3. Wire harness	- BE-14 -
Front clearance light and fender marker light does not come on.	1. TAIL fuse 2. Tail light relay circuit (Body control system) 3. Wire harness 4. Body control ECU	BE-14 DI-506 - -
Automatic light control system does not operate.	1. Automatic light control sensor circuit (Multiplex communication system) 2. Light control switch circuit (Body control system) 3. Wire harness 4. Body control ECU	DI-741 DI-503 - -
Auto turn-off system does not operate.	1. Driver door courtesy switch circuit (Driver door control system) 2. Wire harness 3. Driver door ECU 4. Body control ECU	DI-569 - - -

FOG LIGHT SYSTEM:

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

Symptom	Suspect Area	See page
Only one front fog light does not light up.	1. Bulb 2. Wire harness	- -
Front fog light does not with light control switch HEAD (Headlight does not light).	1. Headlight system 2. Wire harness	BE-2 -
Front fog light does not with light control switch HEAD (Headlight is normal).	1. FR FOG fuse 2. Front fog light relay 3. Front fog light switch circuit (Body control system) 4. Wire harness 5. Body control ECU	BE-14 BE-32 DI-510 - -
Only one rear fog light does not light up.	1. Bulb 2. Wire harness	- -
Rear fog light does not with light control switch (Headlight is normal).	1. STOP & TAIL 3 fuse (RH side) 2. STOP & TAIL fuse (LH side) 3. Rear fog light switch circuit (Body control system) 4. Rear fog light circuit (Rear light control system) 5. Wire harness 6. Rear light ECU RH or LH 7. Body control ECU	BE-14 BE-14 DI-513 DI-698 - - -

TURN SIGNAL AND HAZARD WARNING SYSTEM

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

Symptom	Suspect Area	See page
Only one bulb does not light up.	1. Bulb 2. Wire harness	- -
Hazard and Turn do not light up.	1. GAUGE fuse 2. TURN fuse 3. HAZ fuse 4. Ignition switch 5. Turn signal flasher relay 6. Wire harness	BE-14 BE-14 BE-14 BE-21 BE-36 -
Hazard warning light does not light up. (Turn is normal)	1. Hazard warning switch 2. Wire harness	BE-36 -
Turn signal does not light up. (Hazard is normal)	1. Turn signal switch 2. Wire harness	BE-36 -
Turn signal does not light up in one direction.	1. Turn signal switch 2. Wire harness	BE-36 -
Cornering light does not light up. (Turn is normal)	1. Cornering light relay circuit (Body control system) 2. Cornering light switch 3. Wire harness 4. Body control ECU	DI-516 BE-36 - -

INTERIOR LIGHT SYSTEM:

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

Symptom	Suspect Area	See page
Only one interior light does not light up.	1. Bulb	-
All the interior lights do not come on.	1. DOME fuse 2. Wire harness 3. Body control ECU	BE-14 - -
The interior light does not come on when the driver's door is opened.	1. Driver door courtesy switch circuit (Driver door control system) 2. Wire harness 3. Driver door control ECU	DI-569 - -
The interior light does not come on when the passenger's door is opened.	1. Passenger door courtesy switch circuit (Passenger door control system) 2. Wire harness 3. Passenger door control ECU	DI-598 - -
The interior light does not come on when the rear left door is opened.	1. Rear left door courtesy switch circuit (Rear left door control system) 2. Wire harness 3. Rear left door control ECU	DI-623 - -
The interior light does not come on when the rear right door is opened.	1. Rear right door courtesy switch circuit (Rear right door control system) 2. Wire harness 3. Rear right door control ECU	DI-648 - -

BODY ELECTRICAL – TROUBLESHOOTING

The interior light 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. Ignition power source circuit (Body control ECU) 3. Wire harness	BE-21 DI-491 -
The interior light does not fade out immediately when all the doors are locked with 15 seconds after they are closed.	1. Door unlock detection switch circuit (Driver door control system) (Passenger door control system) (Rear left door control system) (Rear right door control system) 2. Wire harness	DI-593 DI-593 DI-621 DI-646 -

BACK-UP LIGHT SYSTEM

Symptom	Suspect Area	See page
Only one back-up light does not light up.	1. Bulb 2. Wire harness	- -
Back-up light remains always on.	1. Neutral start switch circuit 2. Wire harness	DI-47 -
Right side back-up light does not light up.	1. STOP & TAIL3 fuse 2. Rear light control system 3. Wire harness 4. Rear light ECU RH	BE-14 DI-687 - -
Left side back-up light does not light up.	1. STOP & TAIL4 fuse 2. Rear light control system 3. Wire harness 4. Rear light ECU LH	BE-14 DI-687 - -

STOP LIGHT SYSTEM:

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

Symptom	Suspect Area	See page
Any stop light does not light up.	1. Bulb 2. STOP & TAIL1 fuse 3. STOP & TAIL2 fuse 4. STOP & TAIL3 fuse 5. STOP & TAIL4 fuse 6. Wire harness	- BE-14 BE-14 BE-14 BE-14 -
Stop light always light up.	1. Rear light control system 2. Stop light switch circuit (Body control system) 3. Wire harness 4. Body control ECU	DI-687 DI-534 - -
Stop light does not light up.	1. Rear light control system 2. Stop light switch circuit (Body control system) 3. Wire harness 4. Body control ECU	DI-687 DI-534 - -

WIPER AND WASHER SYSTEM

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

Symptom	Suspect Area	See page
Wiper and washer system does not operate.	<ol style="list-style-type: none"> 1. WIPER fuse 2. Wiper switch circuit (Body control ECU) 3. Wiper motor circuit (Body control ECU) 4. Wire harness 5. Body control ECU 	BE-14 DI-495 DI-498 - -
Wiper do not operate in LO or HI.	<ol style="list-style-type: none"> 1. Wiper switch circuit (Body control ECU) 2. Wiper motor circuit (Body control ECU) 3. Wire harness 4. Body control ECU 	DI-495 DI-498 - -
Wiper do not operate in INT.	<ol style="list-style-type: none"> 1. Wiper switch circuit (Body control ECU) 2. Wiper motor circuit (Body control ECU) 3. Wire harness 4. Body control ECU 	DI-495 DI-498 - -
Washer does not operate.	<ol style="list-style-type: none"> 1. Washer switch (Body control ECU) 2. Washer motor 3. Wire harness 4. Body control ECU 	DI-495 BE-50 - -
Wiper do not operate when washer switch ON.	<ol style="list-style-type: none"> 1. Washer switch (Body control ECU) 2. Wiper motor circuit (Body control ECU) 3. Wire harness 4. Body control ECU 	DI-495 DI-495 - -
Wiper do not operate when washer switch ON.	<ol style="list-style-type: none"> 1. Washer switch circuit (Body control ECU) 2. Wire harness 3. Body control ECU 	DI-495 - -
Washer fluid does not operate.	<ol style="list-style-type: none"> 1. Washer hose and nozzle 	-
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 not retract or the retract position is wrong.	<ol style="list-style-type: none"> 1. Wiper motor *1 2. Wire harness 	BE-50 -

COMBINATION METER:

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

Symptom	Suspect Area	See page
Combination meter failures	PROBLEM SYMPTOM TABLE	DI-450

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 2. Wire Harness 	BE-14
Tension Reducer does not operate. (Only one side)	<ol style="list-style-type: none"> 1. Buckle Switch 2. Tension Reducer Solenoid 3. Wire Harness 	BE-76 BE-76

DEFOGGER SYSTEM:

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

Symptom	Suspect Area	See page
Rear window defogger does not operate.	1. HEATER fuse 2. DEF M-fuse 3. Defogger relay 4. Defogger switch (A/C control assembly) 5. Defogger wire 6. Wire harness	BE-14 BE-14 BE-78 DI-780 BE-78 -
Mirror defogger does not operate.	1. MIR-HTR fuse 2. Mirror heater 3. Defogger switch (A/C control assembly) 4. Wire harness	BE-14 BE-78 DI-780 -

POWER WINDOW CONTROL SYSTEM:

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

Symptom	Suspect Area	See page
All power window system does not operate.	1. PWS terminal circuit (Body control system) 2. Power window master switch circuit (Driver door control system) 3. Wire harness 4. Driver door ECU 5. Body control ECU	DI-540 DI-559 - - -
Driver door power window does not operate.	1. Power window master switch circuit (Driver door control system) 2. Power window motor circuit (Driver door control system) 3. Wire harness 4. Driver door ECU	DI-559 DI-559 - -
Any door (except driver door) power window does not operate.	1. Power window switch circuit (Passenger door control system) (Rear left door control system) (Rear right door control system) 2. Power window motor circuit (Passenger door control system) (Rear left door control system) (Rear right door control system) 3. Wire harness Passenger door ECU Rear left door ECU Rear right door ECU	DI-601 DI-626 DI-651 DI-603 DI-628 DI-654 - - - -
Window lock function does not operate.	1. Power window master switch	BE-87
Window does not operate with power window master switch. (Manual or automatic operation can be performed)	TROUBLESHOOTING NO.1	BE-81
Remote control of all windows (except driver's) does not functions with master switch. (Windows operate normally with each of master switch)	TROUBLESHOOTING NO.2	BE-81
The key related power window operations does not operate with driver side door key cylinder. (Master switch operation is normal)	TROUBLESHOOTING NO.3	BE-81
Power window does not operate with multi-function transmitter. (Windows operate normally with master switch)	TROUBLESHOOTING NO.4	BE-81
Window moves down without being ordered during the up operation.	TROUBLESHOOTING NO.5	BE-81

POWER DOOR LOCK CONTROL SYSTEM:

This system uses the multiplex communication system, so check diagnosis 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)	1. Door lock control switch circuit (In master switch) (Driver door control system) 2. Wire harness 3. Driver door ECU	DI-559 - -
Only one side door lock control does not operate.	1. Door lock motor circuit (Driver door control system) (Passenger door control system) (Rear left door control system) (Rear right door control system) 2. Wire harness 3. Each door ECU	DI-562 DI-591 DI-619 DI-644 - -
Door key related function does not operate.	1. Door key lock and unlock switch (Driver door control system) (Passenger door control system) 2. Door unlock detection switch circuit (Driver door control system) (Passenger door control system) (Rear left door control system) (Rear right door control system) 3. Wire harness 4. Each door ECU 5. Body control ECU	DI-566 DI-595 DI-564 DI-593 DI-621 DI-646 - - -
Key confinement prevention function does not operate.	1. Key unlock warning switch circuit (Body control system) 2. Door courtesy switch circuit (Driver door control system) (Passenger door control system) (Rear left door control system) (Rear right door control system) 3. Door unlock detection switch circuit (Driver door control system) (Passenger door control system) (Rear left door control system) (Rear right door control system) 4. Wire harness 5. Each door ECU	DI-532 DI-569 DI-598 DI-623 DI-648 DI-564 DI-593 DI-621 DI-646 - -

WIRELESS DOOR LOCK CONTROL SYSTEM:

This system uses the multiplex communication system, so check diagnosis 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.	1. Transmitter 2. Wireless door lock control ECU circuit (Body control system) 3. Key unlock warning switch circuit (Body control system) 4. Wire harness 5. Body control ECU	BE-100 DI-518 DI-532 - -
Lock or unlock function does not operate.	1. Door key lock and unlock switch circuit (Driver door control system) (Passenger door control system) 2. Door unlock detection switch circuit (Driver door control system) (Passenger door control system) (Rear left door control system) (Rear right door control system) 3. Wire harness 4. Any door ECU 5. Body control ECU	DI-566 DI-595 DI-564 DI-593 DI-621 DI-646 - - -
Automatic lock function operates even if any door is opened with 30 seconds after all doors are unlocked by wireless door lock control system.	1. Door courtesy switch circuit (Driver door control system) (Passenger door control system) (Rear left door control system) (Rear right door control system) 2. Any door ECU 3. Body control ECU	DI-569 DI-598 DI-623 DI-648 - -
Wireless door lock operates, but the buzzer does not sound.	1. Wireless door lock buzzer circuit (Body control system) 2. Wireless door lock ECU circuit (Body control system) 3. Wire harness 4. Body control ECU	DI-520 DI-518 - -
Buzzer sound, but wireless door lock function does not operate.	1. Wireless door lock ECU circuit (Body control system) 2. Body control ECU	DI-518 -
Luggage compartment door opener wireless function.	1. Luggage compartment door opener motor circuit (Rear J/B control) 2. Body control ECU	DI-672 -

FRONT POWER SEAT CONTROL SYSTEM:

Symptom	Suspect Area	See page
Both driver and passenger power seats do not operate. (Door lock does not operate.)	1. ALT M-fuse 2. Wire harness	BE-14 -
Driver's seat does not operate.	1. SEAT FR LH fuse (LHD) 2. SEAT FR RH fuse (RHD) 3. Driver power seat switch	BE-14 BE-14 BE-11
Passenger seat does not operate.	1. SEAT FR LH fuse (LHD) 2. SEAT FR RH fuse (RHD) 3. Passenger power seat switch 4. Power seat control relay (P)	BE-14 BE-14 BE-11 BE-11
Slide operation does not operate.	1. Power seat switch (D, P) 2. Slide motor 3. Power seat control relay (P) 4. Wire harness	BE-11 BE-11 BE-11 -
Front vertical operation does not operate.	1. Power seat switch (D, P) 2. Front Vertical motor 3. Wire harness	BE-11 BE-11 -
Rear vertical operation does not operate.	1. Power seat switch (D, P) 2. Rear vertical motor 3. Wire harness	BE-11 BE-11 -
Reclining operation does not operate.	1. Power seat switch (D, P) 2. Reclining motor 3. Power seat control relay (P) 4. Wire harness	BE-11 BE-11 BE-11 -
Lumbar support operation does not operate.	1. Power seat switch (D, P) 2. Lumbar support motor 3. Wire harness	BE-11 BE-11 -

(D): Driver's Seat

(P): Passenger's Seat

POWER MIRROR CONTROL SYSTEM:

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

Symptom	Suspect Area	See page
Both right and left mirrors do not operate.	1. RADIO NO.2 fuse 2. Mirror switch 3. Wire harness	BE-14 BE-136 -
Only one side mirror does not operate.	1. Mirror switch 2. Mirror motor 3. Wire harness	BE-136 BE-136 -
Mirror operates abnormally.	1. Mirror switch 2. Mirror motor 3. Wire harness	BE-136 BE-136 -

POWER SHOULDER BELT ANCHORAGE SYSTEM:

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

Symptom	Suspect Area	See page
Driver's belt anchor can not be operated manually.	1. Shoulder Belt Adjust Switch (Driver's) 2. Shoulder Belt Anchor Relay (Driver's) 3. Height Adjustable Anchor Motor 4. Wire Harness	BE-140 BE-140 BE-140 -
Passenger's belt anchor can not be operated manually.	1. Shoulder Belt Adjust Switch (Passenger's) 2. Shoulder Belt Anchor Relay (Passenger's) 3. Height Adjustable Anchor Motor 4. Wire Harness	BE-140 BE-140 BE-140

ELECTRO CHROMIC MIRROR SYSTEM:

Symptom	Suspect Area	See page
Electro chromic inner mirror does not operate.	1. PWR-IG fuse 2. Electro chromic inner mirror 3. Wire harness	BE-14 BE-76 -

SEAT HEATER SYSTEM:

Symptom	Suspect Area	See page
All seat heater do not operate.	1. PWR-IG fuse 2. IG relay 3. Wire harness	BE-14 BE-145 -
Front seat heater does not operate.	1. FR S/HTR fuse 2. Front seat heater control relay 3. Wire harness	BE-14 BE-145 -
Rear seat heater does not operate.	1. RR S/HTR fuse 2. Rear seat heater control relay 3. Wire harness	BE-14 BE-145 -
Any seat heater does not operate.	1. Front or rear seat heater control relay 2. Seat heater switch 3. Seat heater 4. Wire harness	BE-145 BE-145 -
Seat heater temperature is too hot.	1. Seat heater	BE-145

LUGGAGE COMPARTMENT DOOR OPENER SYSTEM:

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

Symptom	Suspect Area	See page
Luggage door compartment door opener system does not operate.	1. Luggage door switch circuit (Body control system) 2. Luggage door motor circuit (Rear J/B control system) 3. Wire harness 4. Rear J/B ECU 5. Body control ECU	DI-523 DI-672 - - -

FUEL LID OPENER SYSTEM:

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

Symptom	Suspect Area	See page
Fuel lid opener system does not operate.	1. FUEL OPN fuse 2. Fuel lid opener switch circuit (Rear J/B control system) 3. Fuel lid opener motor circuit (Rear J/B control system) 4. Wire harness 5. Rear J/B ECU 6. Body control ECU	BE-14 DI-525 DI-675 - - -

DOOR CLOSER SYSTEM:

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

Symptom	Suspect Area	See page
Right door closer system does not operate.	1. DOOR RR RH Fuse 2. Door closer relay RH 3. Door closer assembly motor 4. Door lock switch (Latch switch) (Pole switch) (Handle switch) (Motor switch) 5. Wire harness	BE-14 BE-153 BE-153 BE-153 -
Left door closer system does not operate.	1. DOOR RR LH Fuse 2. Door closer relay LH 3. Door closer assembly motor 4. Door lock switch (Latch switch) (Pole switch) (Handle switch) (Motor switch) 5. Wire harness	BE-14 BE-153 BE-153 BE-153 -
Both door closer system does not operate.	1. LUG J/B Fuse 2. Wire harness	BE-14 -

LUGGAGE COMPARTMENT DOOR CLOSER SYSTEM:

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

Symptom	Suspect Area	See page
Luggage door compartment door closer system does not operate.	1. RR ECU-B Fuse 2. DOOR RR RH Fuse 3. Luggage compartment door closer limit switch 4. Luggage compartment door closer motor 5. Luggage compartment door closer relay 6. Wire harness 7. Rear J/B ECU 8. Body control ECU	BE-14 BE-14 BE-149 BE-149 BE-149 - DI-660 -

AUDIO SYSTEM:

Symptom	Suspect Area	See page
Audio system abnormal operation	TRUBLESHOOTING	BE-163

CLOCK:

Symptom	Suspect Area	See page
Clock will not operate.	TROUBLESHOOTING1	BE-201
Clock loses or gains time.	TROUBLESHOOTING2	BE-201

ENGINE IMMOBILIZER SYSTEM:

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

Symptom	Suspect Area	See page
Engine immobilizer abnormal operation	TROUBLESHOOTING	DI-428