

PROBLEM SYMPTOMS TABLE [09/2013 -]**PROBLEM SYMPTOMS TABLE [09/2013 -]****HINT:**

Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

HEADLIGHT SYSTEM (FOR HID HEADLIGHT)

Symptom	Suspected Area	Refer To
One of the low beam and high beam headlights does not illuminate.	H-LP LH-LO fuse or H-LP RH-LO fuse	-
	Discharge headlight bulb	Refer to ON-VEHICLE INSPECTION [09/2013 -]
	Harness or connector	-
	Headlight light control ECU sub-assembly	Refer to DISASSEMBLY [09/2013 -]
	Headlight unit assembly	Refer to DISASSEMBLY [09/2013 -]
No low beam or high beam headlights illuminate.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Headlight relay circuit	Refer to Headlight Relay Circuit [09/2013 -]
	Harness or connector	-
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]
High beam flash function does not operate.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]
	Discharge headlight bulb	Refer to ON-VEHICLE INSPECTION [09/2013 -]

Discharge headlight bulb is dark.	Harness or connector	-
	Headlight light control ECU sub-assembly	Refer to DISASSEMBLY [09/2013 -]
One of the headlights does not switch to high beam mode.	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]
	Headlight unit assembly	Refer to DISASSEMBLY [09/2013 -]
No headlights switch to high beam mode.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Headlight (High beam) circuit	Refer to Headlight (HI-BEAM) Circuit [09/2013 -]
	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]
Clearance lights and side marker light* do not illuminate.	Harness or connector	-
	Headlight unit assembly	Refer to DISASSEMBLY [09/2013 -]

*: w/ Side Marker Light

HEADLIGHT SYSTEM (FOR LED HEADLIGHT)

Symptom	Suspected Area	Refer To
Low beam headlight on one side does not illuminate.	H-LP LH-LO fuse or H-LP RH-LO fuse	-
	Harness or connector	-
	Headlight assembly	Refer to REMOVAL [09/2013 -]
Both left and right low beam headlights do not illuminate.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Headlight relay circuit	Refer to Headlight Relay Circuit [09/2013 -]
	Harness or connector	-
	Main body ECU (Multiplex	Refer to REMOVAL [09/2013 -]

	network body ECU)	
High beam flash function does not operate.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]
High beam headlight on one side does not illuminate.	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]
	Headlight assembly	Refer to REMOVAL [09/2013 -]
Both left and right high beam headlights do not illuminate.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Headlight (High beam) circuit	Refer to Headlight (HI-BEAM) Circuit [09/2013 -]
	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]
Clearance lights and side marker light do not illuminate.	Harness or connector	-
	Headlight assembly	Refer to REMOVAL [09/2013 -]

*: w/ Side Marker Light

FRONT FOG LIGHT SYSTEM (W/ FRONT FOG LIGHT)

Symptom	Suspected Area	Refer To
Front fog light does not illuminate (taillight is normal).	Front fog light bulb (for Halogen Fog Light)	Refer to DISASSEMBLY [09/2013 -]
	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Front fog light circuit	Refer to Front Fog Light Circuit [09/2013 -]
	Fog light assembly (for LED Fog Light)	Refer to REMOVAL [09/2013 -]
	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]

Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]
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LICENSE PLATE LIGHT SYSTEM

Symptom	Suspected Area	Refer To
License plate light does not illuminate.	License plate light assembly	Refer to INSPECTION [09/2013 -]
	Harness or connector	-

TAILLIGHT SYSTEM

Symptom	Suspected Area	Refer To
Taillight does not illuminate (rear combination light).	Rear combination light lens and body	Refer to INSPECTION [09/2013 -]
	Rear combination light socket and wire sub-assembly	Refer to REMOVAL [09/2013 -]
	Harness or connector	-
Side marker light does not illuminate (rear combination light).*	Rear combination light lens and body	Refer to INSPECTION [09/2013 -]
	Rear combination light socket and wire sub-assembly	Refer to REMOVAL [09/2013 -]
	Harness or connector	-
Taillight does not illuminate (rear light).	Rear light lens and body	Refer to INSPECTION [09/2013 -]
	Rear light socket and wire	Refer to REMOVAL [09/2013 -]
	Harness or connector	-
All lights do not illuminate.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Taillight relay circuit	Refer to Taillight Relay Circuit [09/2013 -]
	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]

*: w/ Side Marker Light

STOP LIGHT SYSTEM

Symptom	Suspected Area	Refer To
Stop light on one side does not illuminate.	Rear combination light lens and body	Refer to INSPECTION [09/2013 -]
	Rear combination light socket and wire sub-assembly	Refer to REMOVAL [09/2013 -]
	Harness or connector	-
Center stop light does not illuminate.	Center stop light assembly	Refer to INSPECTION [09/2013 -]
	Harness or connector	-
All lights do not operate. (w/ Emergency Stop Light)	STOP fuse	-
	Stop light circuit	Refer to Stop Light Circuit [09/2013 -]
	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]
All lights do not operate. (w/o Emergency Stop Light)	STOP fuse	-
	Stop light switch assembly	Refer to ON-VEHICLE INSPECTION [09/2013 -]
	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]

BACK-UP LIGHT SYSTEM

Symptom	Suspected Area	Refer To
Back-up light on one side does not illuminate.	Back-up light bulb	Refer to REMOVAL [09/2013 -]
	Rear light socket and wire	Refer to REMOVAL [09/2013 -]
	Harness or connector	-
	BACK UP fuse	-
	RH ECU-IG fuse	-

Both left and right back-up lights do not illuminate.	No. 1 junction block assembly (BACK UP relay)	-
	Park/neutral position switch assembly (for A760H Automatic Transmission)	Refer to INSPECTION [09/2013 -]
	Park/neutral position switch assembly (for AA81E Automatic Transmission)	Refer to INSPECTION [09/2013 -]
	Harness or connector	-

TURN SIGNAL LIGHT SYSTEM

Symptom	Suspected Area	Refer To
Headlight dimmer switch assembly (turn signal light switch) does not function properly.	Windshield wiper switch assembly	Refer to INSPECTION [09/2013 -]
	Headlight dimmer switch assembly	Refer to INSPECTION [09/2013 -]
	Spiral with sensor cable sub-assembly (steering angle sensor)	Refer to REMOVAL [09/2013 -]
	Harness or connector	-
No turn signal lights operate.	Turn signal switch circuit	Refer to Turn Signal Switch Circuit [09/2013 -]
	Windshield wiper switch assembly	Refer to INSPECTION [09/2013 -]
	Combination meter assembly	Refer to REMOVAL [09/2013 -]
One of the turn signal lights does not operate.	Meter/gauge system	Refer to HOW TO PROCEED WITH TROUBLESHOOTING [09/2013 -]

HAZARD WARNING LIGHT SYSTEM

Symptom	Suspected Area	Refer To
Hazard warning lights do not operate (turn signal lights are normal).	HAZ fuse	-
	Hazard warning switch circuit	Refer to Hazard Warning Switch Circuit [09/2013 -]
	Combination meter assembly	Refer to REMOVAL [09/2013 -]

	Harness or connector	-
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AUTOMATIC LIGHT CONTROL SYSTEM

Symptom	Suspected Area	Refer To
Automatic light control system does not operate.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	IG signal circuit	Refer to IG Signal Circuit [09/2013 -]
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]

LIGHT AUTO TURN-OFF SYSTEM

Symptom	Suspected Area	Refer To
Light auto turn-off system does not operate.	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	Door courtesy switch circuit	Refer to Door Courtesy Switch Circuit [09/2013 -]
	IG signal circuit	Refer to IG Signal Circuit [09/2013 -]
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]

AFS (W/ AFS)

Symptom	Suspected Area	Refer To
AFS does not operate.	Headlight swivel ECU assembly power source	Refer to TERMINALS OF ECU [09/2013 -]
	Headlight swivel ECU assembly	Refer to REMOVAL [09/2013 -]
AFS OFF indicator light does not come on when turning the engine switch on (IG).	CAN communication system	Refer to HOW TO PROCEED WITH TROUBLESHOOTING [09/2013 -]
	Combination meter assembly	Refer to REMOVAL [09/2013 -]

	Headlight swivel ECU assembly	Refer to REMOVAL [09/2013 -]
AFS on/off condition cannot be changed using headlight swivel main switch.	CAN communication system	Refer to HOW TO PROCEED WITH TROUBLESHOOTING [09/2013 -]
	Headlight swivel main switch	Refer to INSPECTION [09/2013 -]
	Harness or connector	-
	Combination meter assembly	Refer to REMOVAL [09/2013 -]
	Headlight swivel ECU assembly	Refer to REMOVAL [09/2013 -]

AUTOMATIC HEADLIGHT BEAM LEVEL CONTROL SYSTEM (W/O AFS)

Symptom	Suspected Area	Refer To
Automatic headlight beam level control system does not operate.	Headlight swivel ECU assembly power source	Refer to TERMINALS OF ECU [09/2013 -]
	Headlight swivel ECU assembly	Refer to REMOVAL [09/2013 -]

DAYTIME RUNNING LIGHT SYSTEM

Symptom	Suspected Area	Refer To
Daytime running light system does not operate.	CAN communication system	Refer to HOW TO PROCEED WITH TROUBLESHOOTING [09/2013 -]
	Headlight dimmer switch circuit	Refer to Headlight Dimmer Switch Circuit [09/2013 -]
	DRL relay circuit	Refer to DRL Relay Circuit [09/2013 -]
	Harness or connector	-
	No. 2 integration relay	Refer to ON-VEHICLE INSPECTION [09/2013 -]
	Headlight unit assembly	Refer to DISASSEMBLY [09/2013 -]
	Main body ECU (Multiplex network body ECU)	Refer to REMOVAL [09/2013 -]

