

BODY ELECTRICAL SYSTEM

PRECAUTION

BECOM-13

HINT:

Take care to observe the following precautions when performing inspections or removal and replacement of body electrical related parts.

1. PRECAUTION OF DISCHARGE HEADLIGHT SYSTEM

- (a) Disconnect the connector of the light control computer after disconnecting the battery negative terminal or turning off the light control switch.
- (b) When any defects such as deformation, crack, dent, chipping, etc. are identified on the discharge headlight (especially on the light control computer) and headlight is damaged by collision, replace the discharge headlight with a new one.
- (c) Even if the discharging operation seems to be normal, the fail-safe function may be defective.
- (d) Touching the high voltage socket of the discharge headlight with the headlight dimmer switch ON could generate momentary high voltage of 20, 000 V and lead to a serious accident.
- (e) Never connect a tester to the high voltage socket of the discharge headlight for measurement, as this leads to a serious accident because of high voltage.
- (f) When performing operation related to the discharge headlight, keep it away from water such as rain, turn off the light control switch, and disconnect the battery terminal and connector of the light control computer in advance to avoid electric shock.
- (g) When performing operation related to the discharge headlight, start operation after assembling is completely over and never turn on the light without a bulb installed.
- (h) Do not turn on the discharge headlight using another power source except vehicle's.

2. HEADLIGHT BULB REPLACEMENT

- (a) If the adhered oil is left unremoved from the halogen lamp surface, the lamp service life is shortened as it becomes hot when it is turned on.
- (b) Since the internal pressure of a discharge headlight and halogen bulbs is high, dropping, hitting or damaging the bulb may cause the glass to scatter. Therefore, handle the headlight bulb with great care.
- (c) When replacing bulb, prepare a new bulb before starting operation.
- (d) A bulb of the same watt must be used for bulb replacement.
- (e) Firmly reinstall the socket in bulb replacement. Otherwise, cloudy lens or invasion by water will be caused.

Halogen bulbs have pressurized gas inside and require special handling. They can burst if scratched or dropped. Hold a bulb only by its plastic or metal case.

Don't touch the glass part of a bulb with bare hands.

3. SRS (SUPPLEMENTAL RESTRAINT SYSTEM)

The CELICA is equipped with an SRS (Supplemental Restraint System) such as the driver airbag and front passenger airbag and side airbag. Failure to carry out service operation in the correct sequence could cause the SRS to unexpectedly deploy during servicing, possibly leading to a serious accident. Before servicing (including removal or installation of parts, inspection or replacement), be sure to read the precautionary notices in the RS section.

4. AUDIO SYSTEM

If the negative (-) terminal cable is disconnected from the battery, the preset AM, FM 1 and FM 2 stations stored in memory are erased, so be sure to note the stations and reset them after the battery terminal is reconnected.

5. MOBILE COMMUNICATION SYSTEM

If the vehicle is equipped with a mobile communication system, refer to precautions in the IN section.

TROUBLESHOOTING

PROBLEM SYMPTOMS TABLE

BE00N-17

HEADLIGHT (HALOGEN) AND TAILLIGHT SYSTEM

Symptom	Suspect Area	See page
"Lo-Beam" and "Hi-Beam" of both sides do not come on. (Taillights do come on.)	1. Light Control Switch 2. Body Control System	BE-11 ★
"Lo-Beam" and "Hi-Beam" of both sides do not come on. (Taillights do not come on neither.)	1. Light Control Switch 2. Body Control System 3. Headlight Bulb	BE-11 ★ -
"Lo-Beams" do not come on. (Both sides)	1. HEAD Relay 2. Headlight Dimmer Switch 3. Body Control System 4. Wire Harness	BE-11 BE-11 ★ -
"Lo-Beam" does not come on. (One side)	1. HEAD LH LWR Fuse 2. HEAD RH LWR Fuse 3. Headlight Bulb 4. Wire Harness	BE-5 BE-5 - -
"Hi-Beams" do not come on. (Both sides)	1. DRL NO. 2 DIMMER Relay (Europe) 2. HEAD RH UPR DRL NO. 2 Fuse 3. Headlight Dimmer Switch 4. Body Control System 5. Wire Harness	BE-11 BE-5 BE-9 ★ -
"Hi-Beam" does not come on. (One side)	1. HEAD LH UPR Fuse 2. HEAD RH UPR Fuse 3. Headlight Bulb 4. Wire Harness	BE-5 BE-5 - -
"Flash" does not operate.	1. Headlight Dimmer Switch 2. Body Control System 3. Wire Harness	BE-11 ★ -
"Light-on warning system" does not operate.	1. Door courtesy Switch (Driver's) 2. Body Control System 3. Combination Meter 4. Wire Harness	★ ★ - -
"Automatic light control system" does not operate.	1. Automatic Light Control Sensor 2. Light Control Switch 3. Door Courtesy Switch 4. Body Control System 5. Wire Harness	BE-11 BE-11 BE-11 ★ -
Headlight does not come on with light control SW in HEAD.	1. Light Control Switch 2. Body Control System 3. Wire Harness	BE-11 ★ -
Headlight does not go off with light control SW in OFF.	1. HEAD Relay 2. Body Control System 3. Wire Harness	BE-11 ★ -
Taillight does not come on with light control SW in TAIL.	1. TAIL Relay 2. Light Control Switch 3. Body Control System	BE-11 BE-11 ★

BODY ELECTRICAL - TROUBLESHOOTING

Taillight does not go off with light control SW in OFF.	1. TAIL Relay 2. Light Control Switch 3. Body Control System 4. Wire Harness	BE-11 BE-11 ★ -
Headlight does not come on with engine running and light control SW in OFF.	1. Parking Brake Switch 2. Body Control System 3. Wire Harness	★ ★ -

DISCHARGE HEADLIGHT

Symptom	Suspect Area	See page
"Lo-Beam" and "Hi-Beam" of both sides do not come on. (Taillights do not come on.)	1. HEAD Relay 2. DRL NO. 2 DIMMER Relay (Europe) 3. Headlight Dimmer Switch 4. Light Control Switch 5. Body Control System 6. Headlight Bulb 7. Wire Harness	BE-11 BE-11 BE-11 BE-11 ★ - -
"Lo-Beam" and "Hi-Beam" of both sides do not come on. (Taillights do come on neither.)	1. Light Control Switch 2. Body Control System 3. Wire Harness	BE-11 ★ -
"Lo-Beam" and "Hi-Beam" of only one side do not come on.	1. HEAD RH LWR and HEAD RH UPR Fuse (Both) or HEAD LH LWR and HEAD LH UPR Fuse (Both) 2. Headlight Bulb 3. Wire Harness	BE-5 - -
"Lo-Beams" do not come on. (Both sides)	1. Headlight Dimmer Switch 2. Body Control System 3. Wire Harness	BE-11 ★ -
"Lo-Beam" does not come on. (One side)	1. HEAD LH LWR Fuse 2. HEAD RH LWR Fuse 3. Headlight Bulb 4. Wire Harness	BE-5 BE-5 - -
"Hi-Beams" do not come on. (Both sides)	1. DRL NO. 2 DIMMER Relay 2. HEAD RH UPR DRL NO. 2 Fuse (Engine Room J/B) 3. Headlight Dimmer Switch 4. Body Control System 5. Wire Harness	BE-11 BE-5 BE-11 ★ -
"Hi-Beam" does not come on. (One side)	1. HEAD LH UPR Fuse 2. HEAD RH UPR Fuse 3. Headlight Bulb 4. Wire Harness	BE-5 BE-5 - -
Headlight does not come on with engine running and light control SW in OFF.	1. Parking Brake Switch 2. Body Control System 3. Wire Harness	★ ★ -



HEADLIGHT BEAM LEVEL CONTROL SYSTEM (Manual Leveling)

Symptom	Suspect Area	See page
Headlight beam level control system does not operate. (Both sides)	1. HEAD LVL Fuse 2. Headlight Beam Level Control Switch 3. Headlight Beam Level Control Actuator 4. Wire Harness	BE-5 BE-17 BE-17 -
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-17 BE-17 -
Abnormal operation. (Both sides)	1. Headlight Beam Level Control Switch 2. Headlight Beam Level Control Actuator 3. Wire Harness	BE-17 BE-17 -
Abnormal operation. (One side)	1. Headlight Beam Level Control Switch 2. Headlight Beam Level Control Actuator 3. Wire Harness	BE-17 BE-17 -

HEADLIGHT BEAM LEVEL CONTROL SYSTEM (Auto Leveling)

Symptom	Suspect Area	See page
Beam axis is not controlled. (It is not initialized.) Headlight Beam Level Control System does not operate.	1. ECU-IG Fuse 2. Headlight Beam Level Control Actuator 3. Headlight Beam Level Control ECU 4. Wire Harness	BE-5 BE-17 BE-17 -
Beam axis is not controlled. (It is initialized.) Headlight Beam Level Control System does not operate.	1. Height Control Sensor 2. Headlight Beam Level Control ECU 3. Wire Harness Side	BE-17 BE-17 -
Controlled angle of head light is unusual. (The angle is controlled.)	1. Height Control Sensor 2. Headlight Beam Level Control ECU 3. Headlights 4. Wire Harness	BE-17 BE-17 ★ -
Beam axis position is not stable during driving.	1. Height Control Sensor 2. Headlights 3. Wire Harness	★ ★ -

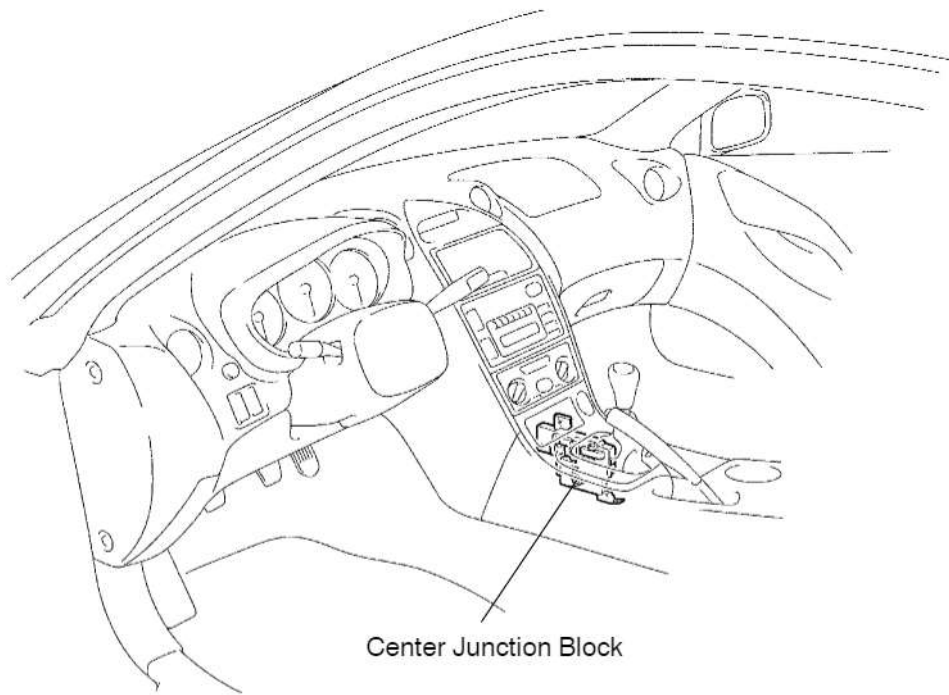
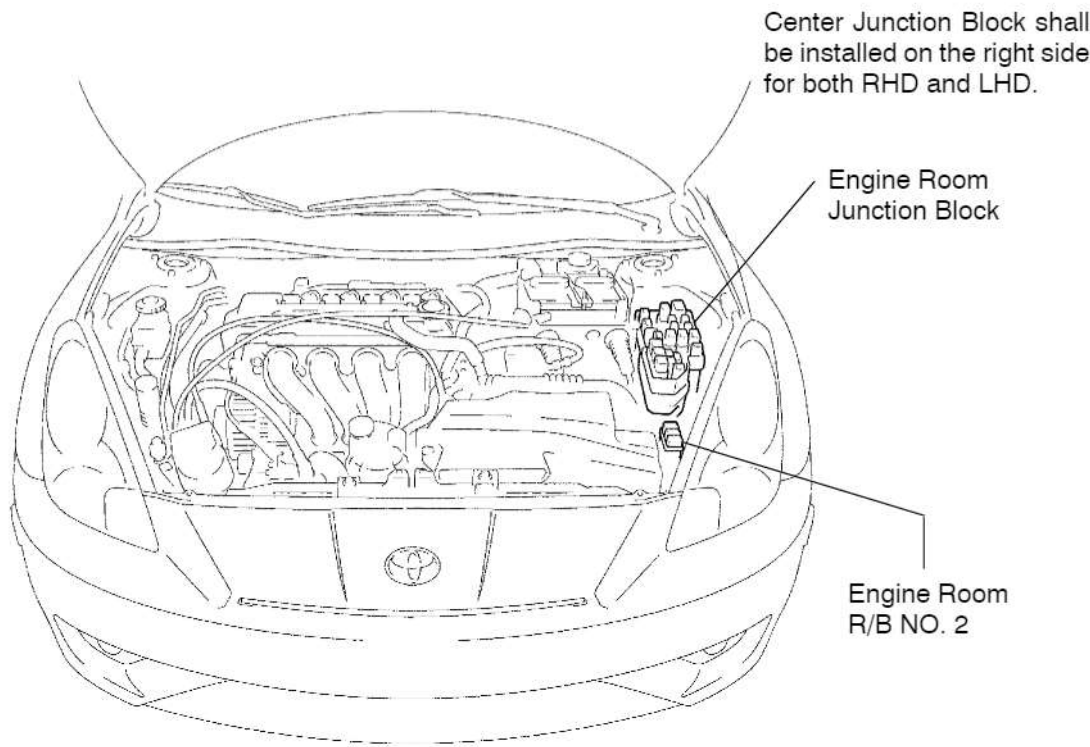
HEADLIGHT CLEANER SYSTEM

Symptom	Suspect Area	See page
"Headlight Cleaner System" does not operate. (Both sides)	1. H-LP CLN Fuse 2. WASHER Fuse 3. Headlight Cleaner Switch 4. Headlight Cleaner Relay 5. Headlight Cleaner Motor 6. Headlight Cleaner Nozzle and Hose 7. Wire Harness	BE-5 BE-5 BE-21 BE-21 BE-21 - -
Washer fluid does not spray.	1. Headlight Cleaner Nozzle and Hose	-

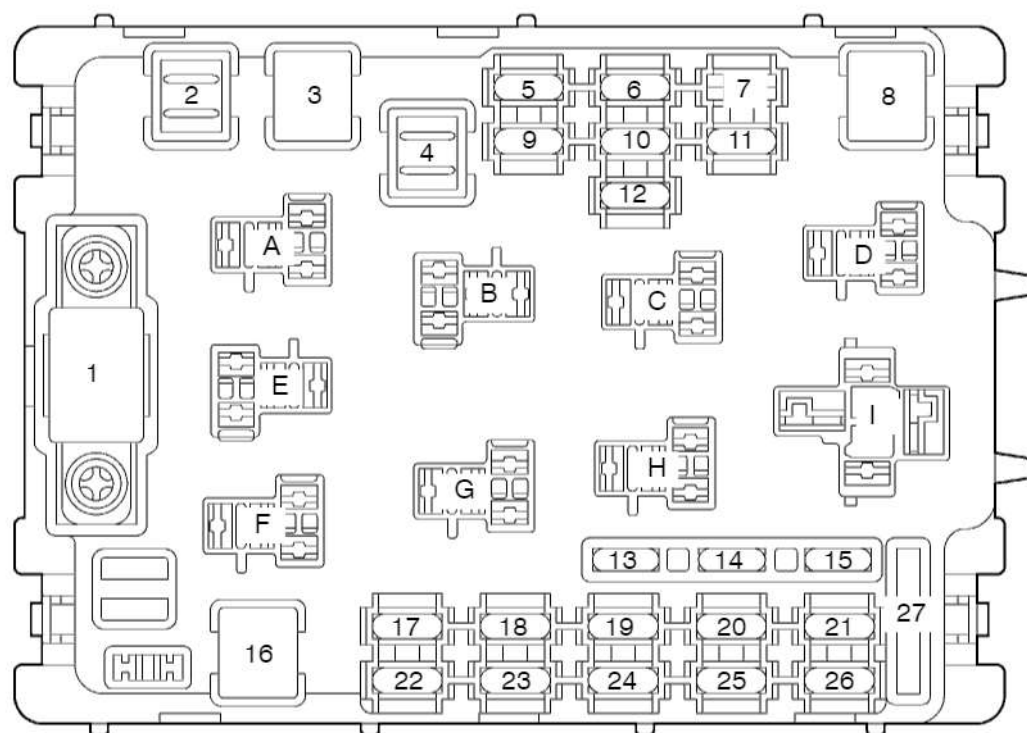
★: Refer to CELICA Chassis and Body Repair Manual (Pub. No. RM734E).

POWER SOURCE LOCATION

BE1CX-04



ENGINE ROOM JUNCTION BLOCK



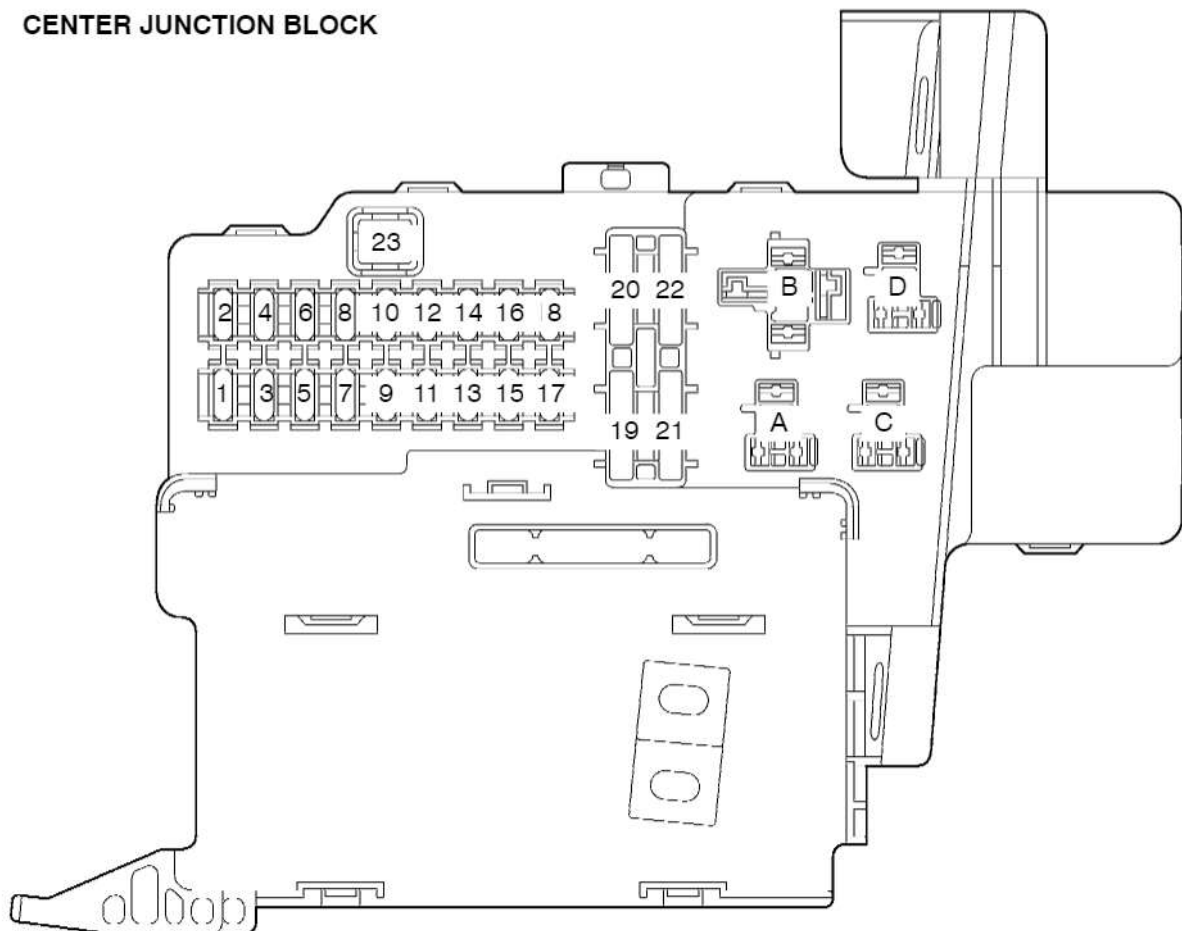
FUSES

1. FL ALT	120 A
2. CDS	30 A
3. ABS NO. 1	50 A
4. RDI	30 A
5. HEAD LH LWR	10 A
6. HEAD RH UPR	20 A (Australia)
HEAD LH UPR DRL NO. 2	20 A (Europe)
7. AUTO ANTENNA	15 A (Europe)
S-HTR	15 A (Australia)
8. HTR	50 A
9. ABS NO. 2	25 A
10. HEAD LVL DRL NO. 1	7.5 A (Australia)
HEAD LVL	7.5 A (Europe)
11. HEAD LH UPR	10 A
12. HEAD RH LWR	10 A
13. SPARE	10 A
14. SPARE	15 A
15. SPARE	30 A
16. MAIN	40 A
17. IG2	15 A
18. ST	7.5 A
19. EFI NO. 2	10 A
20. EFI NO. 1	10 A
21. HORN	10 A
22. HAZ	10 A
23. AM2	7.5 A
24. EFI	20 A
25. DCC	25 A
26. ALT-S	7.5 A
27. SPARE	7.5 A

RELAYS

A. FAN NO. 2 Relay
B. FAN NO. 1 Relay
C. Circuit Opening Relay
D. Horn Relay
E. FAN NO. 3 Relay
F. Magnetic Clutch Relay
G. IG2 Relay
H. EFI Relay
I. Headlight Control Relay

CENTER JUNCTION BLOCK



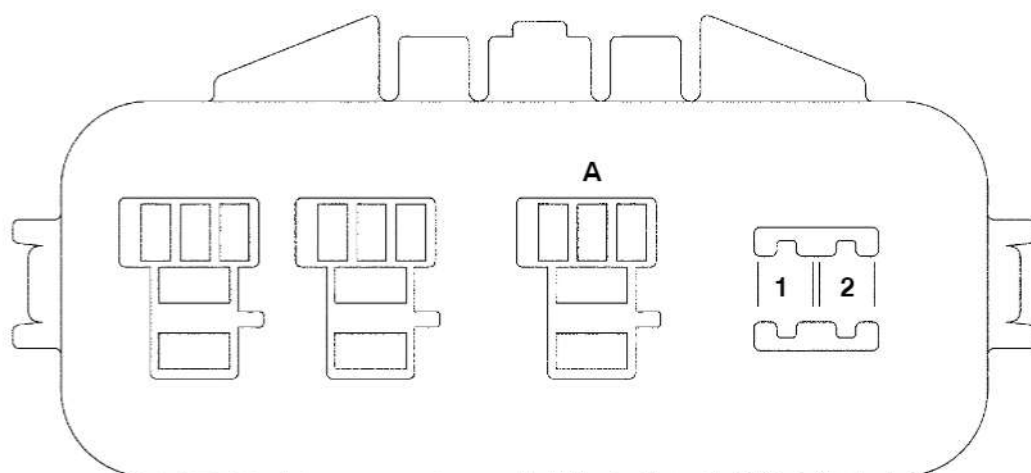
FUSES

1. CIG	15 A
2. S/ROOF	15 A
3. AM1	25 A
4. FL P/W	20 A
5. DOOR	20 A
6. STOP	10 A
7. FR FOG	15 A
8. SRS-IG	7.5 A
9. OBD	7.5 A
10. WASHER	15 A
11. WIPER	20 A
12. RADID	15 A
13. MIR-HTR	10 A
14. TURN	7.5 A
15. RR WIPER	15 A
16. HTR	10 A
17. FR R/W	20 A
18. TAIL	10 A
19. MULTI-FUSE	5 A (ABS-IG, WARNING, FAN RLY, ECU-IG)
20. MULTI-FUSE	7.5 A (DOME, MPX-B, ECU-B, RR FOG)
21. MULTI-FUSE	5 A (BODY ECU-IG, BK/UP LP, TENS RDC, DEF RLY)
22. MULTI-FUSE	7.5 A (ECU-ACC, PANEL2, PANEL1)
23. DEF	30 A

RELAYS

- A. Mirror Heater Relay (Europe)
- B. IG1 Relay
- C. Defogger Relay
- D. Taillight Control Relay

ENGINE ROOM R/B NO. 2

**FUSES**

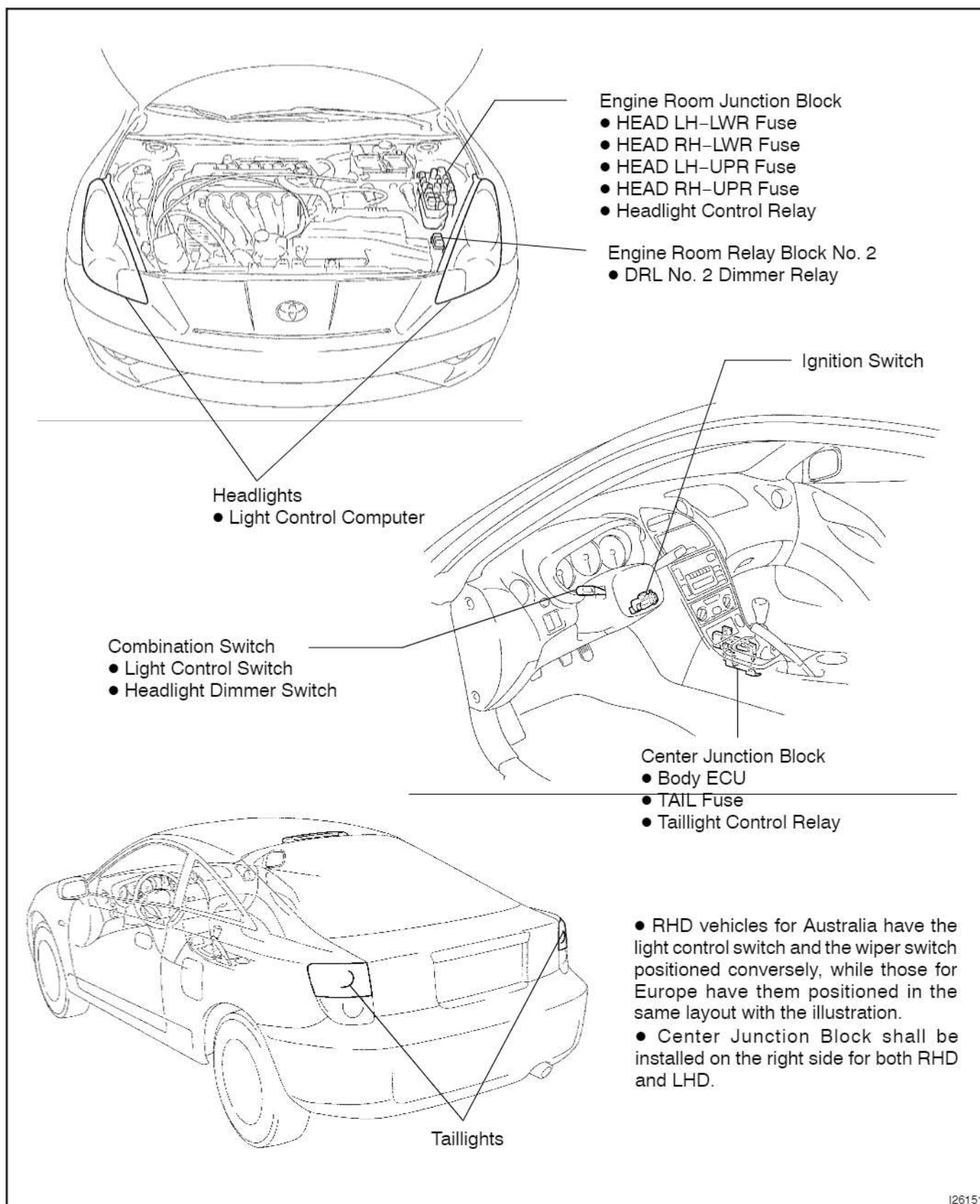
- | | |
|----------------|-----|
| 1. HEAD LH UPR | 10A |
| 2. HEAD RH UPR | 10A |

RELAYS

- A. DRL No. 2 Dimmer Relay

HEADLIGHT AND TAILLIGHT SYSTEM LOCATION

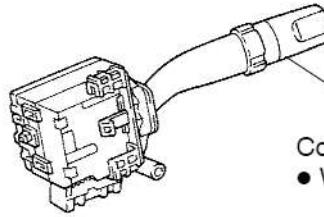
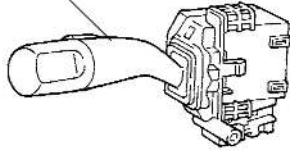
BE00R-16



COMPONENTS

Combination Switch

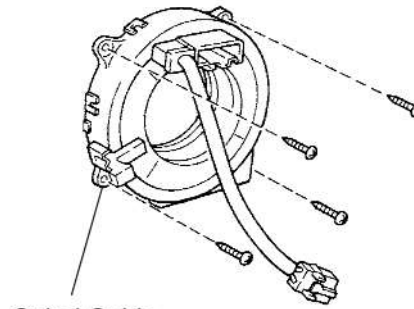
- Light Control Switch
- Headlight Dimmer Switch



Combination Switch

- Wiper and Washer Switch

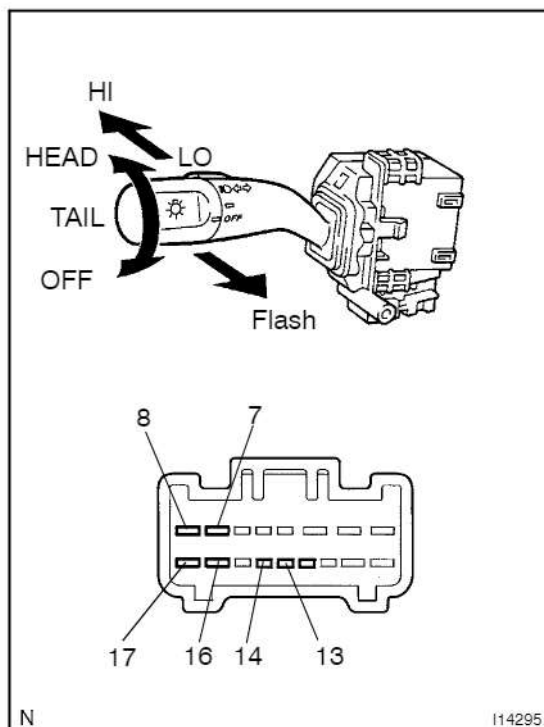
- RHD vehicles for Australia have the light control switch and the wiper switch positioned conversely, while those for Europe have them positioned in the same layout with the illustration.



Spiral Cable

N N16821

I14294



INSPECTION

1. Except Australia models:

INSPECT LIGHT CONTROL SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
OFF	-	No continuity
TAIL	14 - 16	Continuity
HEAD	13 - 14 - 16	Continuity

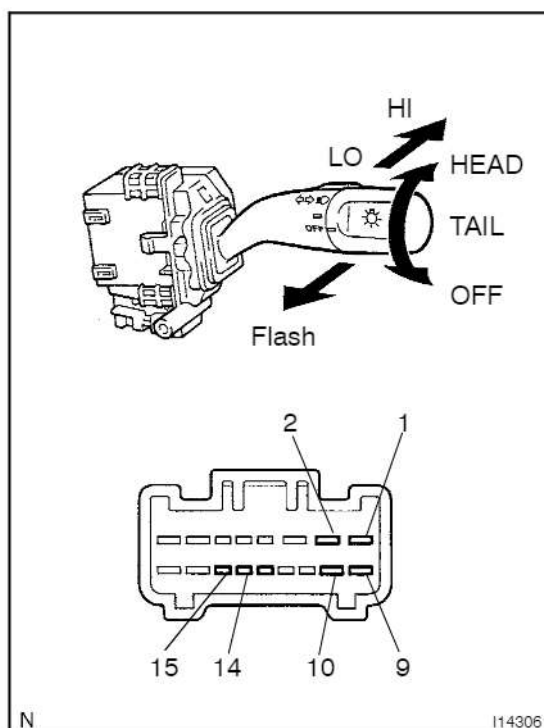
If continuity is not as specified, replace the switch.

2. Except Australia models:

INSPECT HEADLIGHT DIMMER SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
Low beam	16 - 17	Continuity
High beam	7 - 16	Continuity
Flash	7 - 8 - 16	Continuity

If continuity is not as specified, replace the switch.



3. Australia models:

INSPECT LIGHT CONTROL SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
OFF	-	No continuity
TAIL	9 - 15	Continuity
HEAD	9 - 14 - 15	Continuity

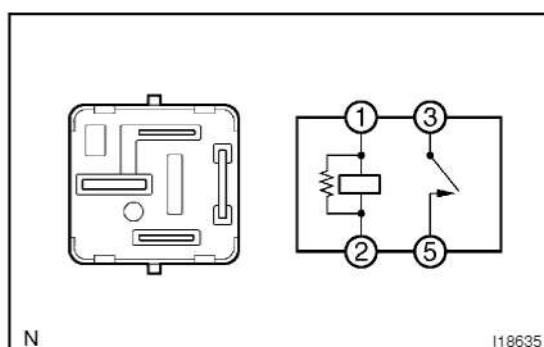
If continuity is not as specified, replace the switch.

4. Australia models:

INSPECT HEADLIGHT DIMMER SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
Low beam	9 - 10	Continuity
High beam	2 - 9	Continuity
Flash	1 - 2 - 9	Continuity

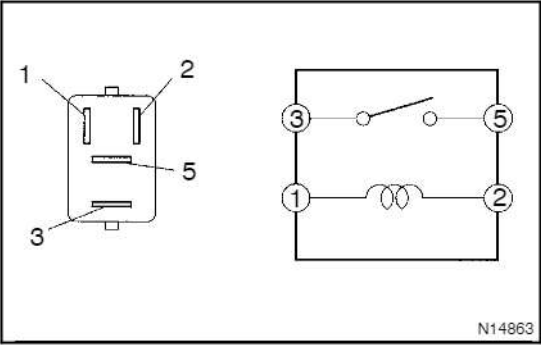
If continuity is not as specified, replace the switch.



5. INSPECT HEADLIGHT CONTROL RELAY CONTINUITY

Condition	Tester connection	Specified condition
Always	1 - 2	Continuity
Apply B+ between terminals 1 and 2.	3 - 5	Continuity

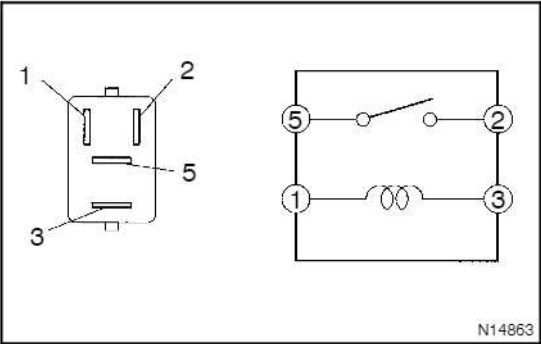
If continuity is not as specified, replace the relay.



6. INSPECT TAILLIGHT CONTROL RELAY CONTINUITY

Condition	Tester connection	Specified condition
Always	1 – 2	Continuity
Apply B+ between terminals 1 and 2.	3 – 5	Continuity

If continuity is not as specified, replace the relay.



7. Europe:
INSPECT DRL NO. 2 DIMMER RELAY

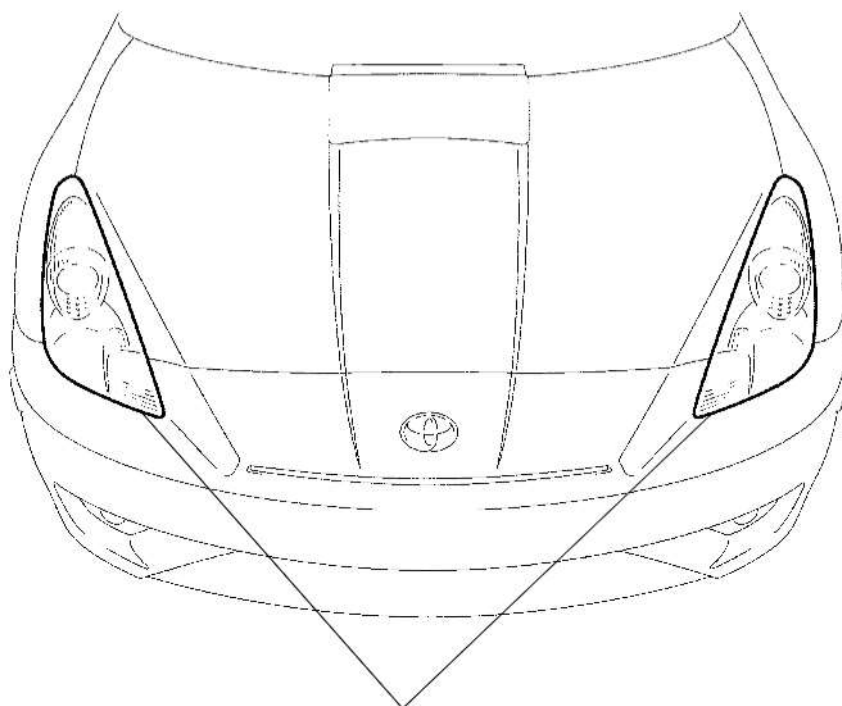
Condition	Tester connection	Specified condition
Always	1 – 3	Continuity
Apply B+ between terminals 1 and 3.	2 – 5	Continuity

If continuity is not as specified, replace the relay.

HEADLIGHT BEAM LEVEL CONTROL SYSTEM LOCATION

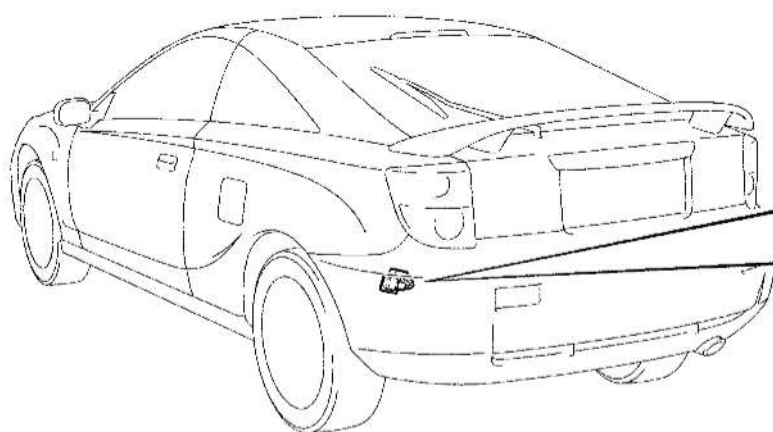
822FU-01

w/ HID:

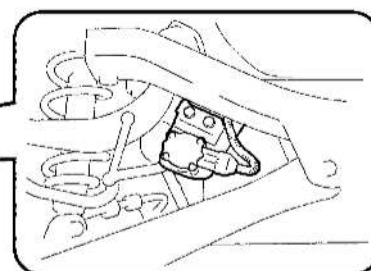


Headlight Units

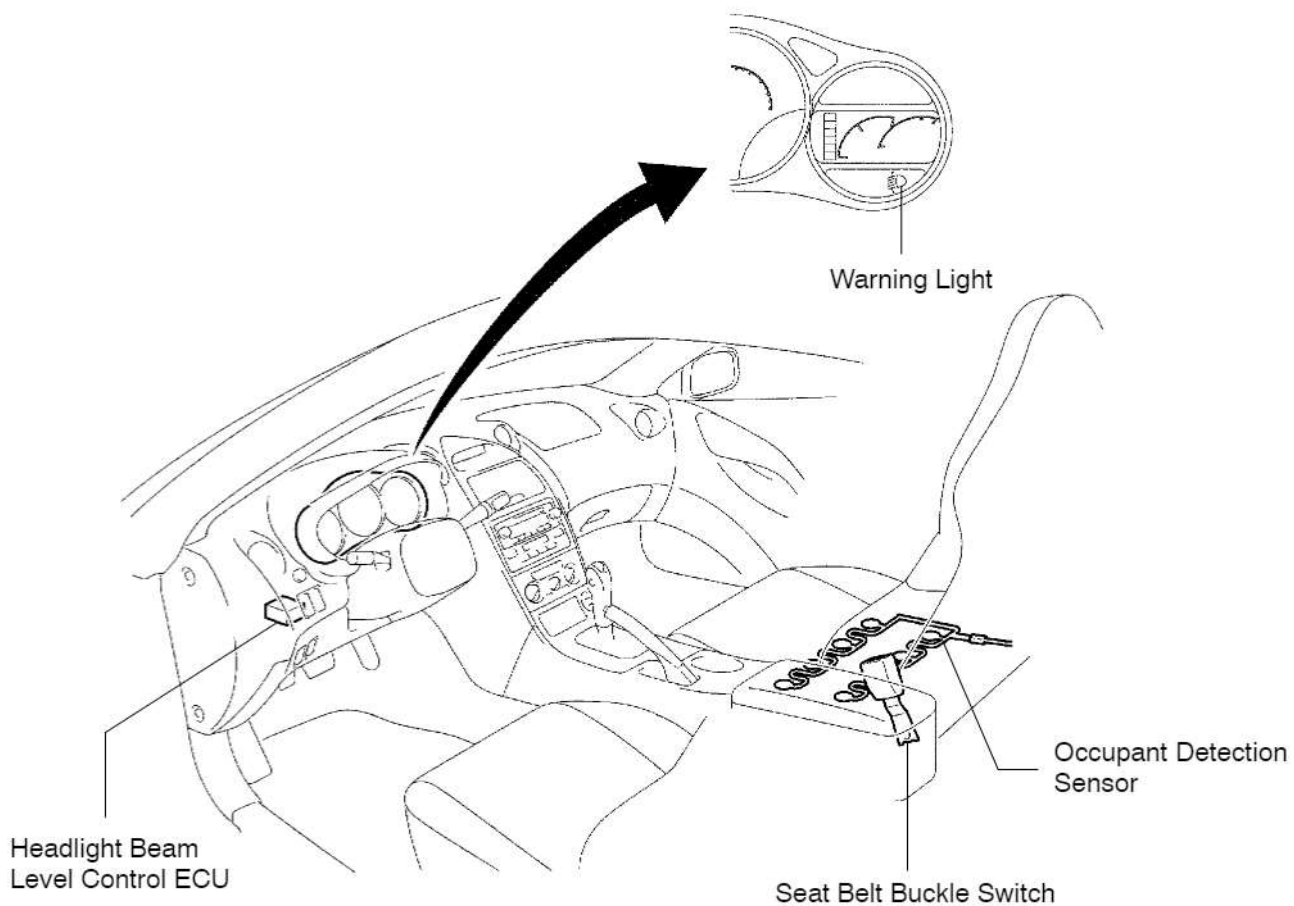
- Headlight Leveling Actuator



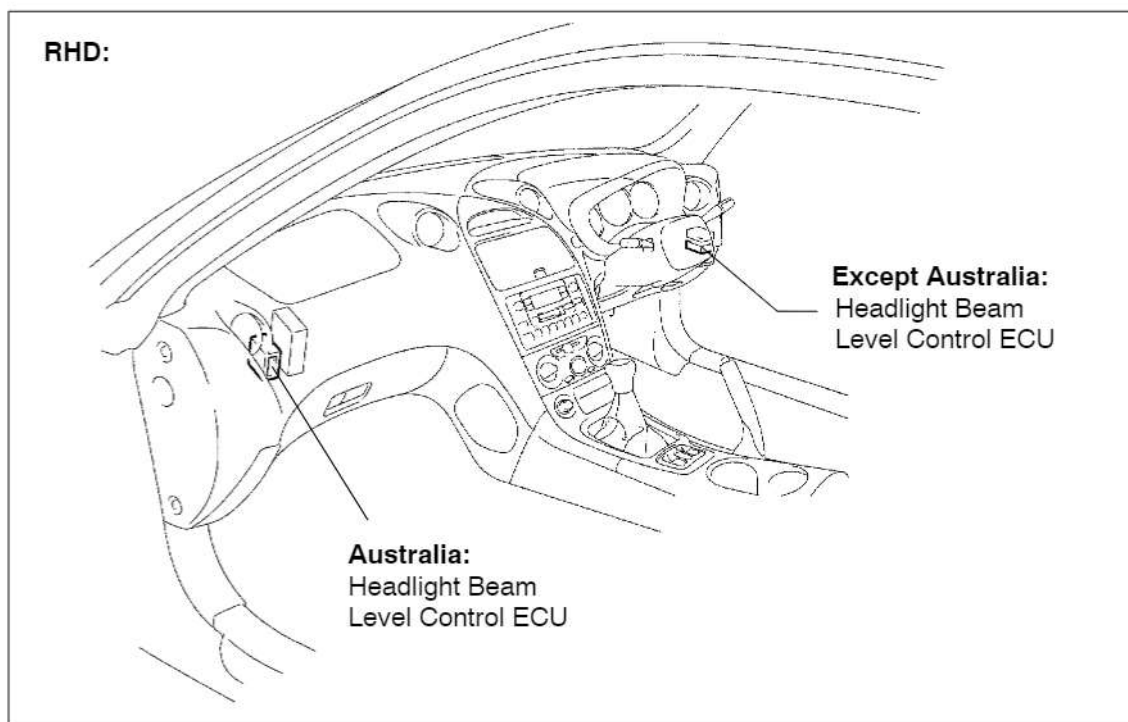
Height Control Sensor



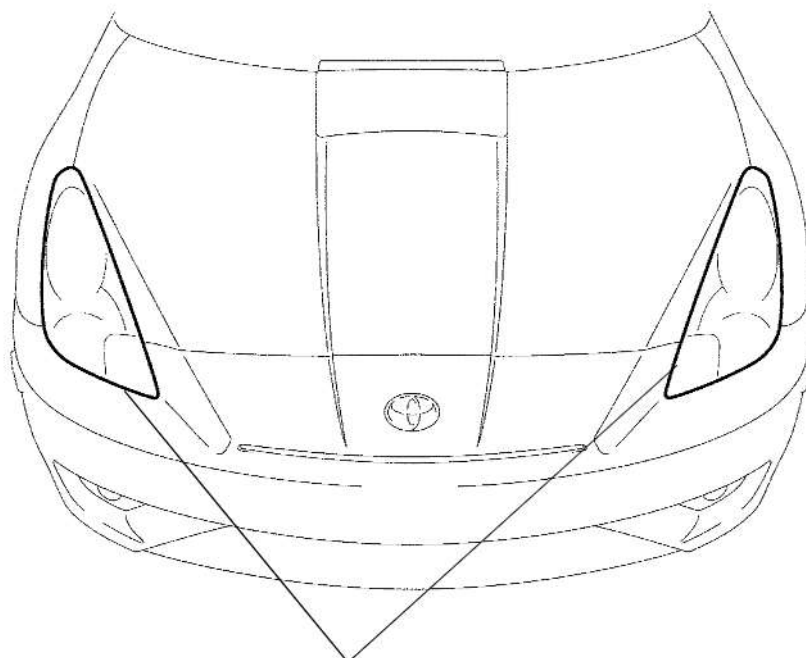
w/ HID:



RHD:

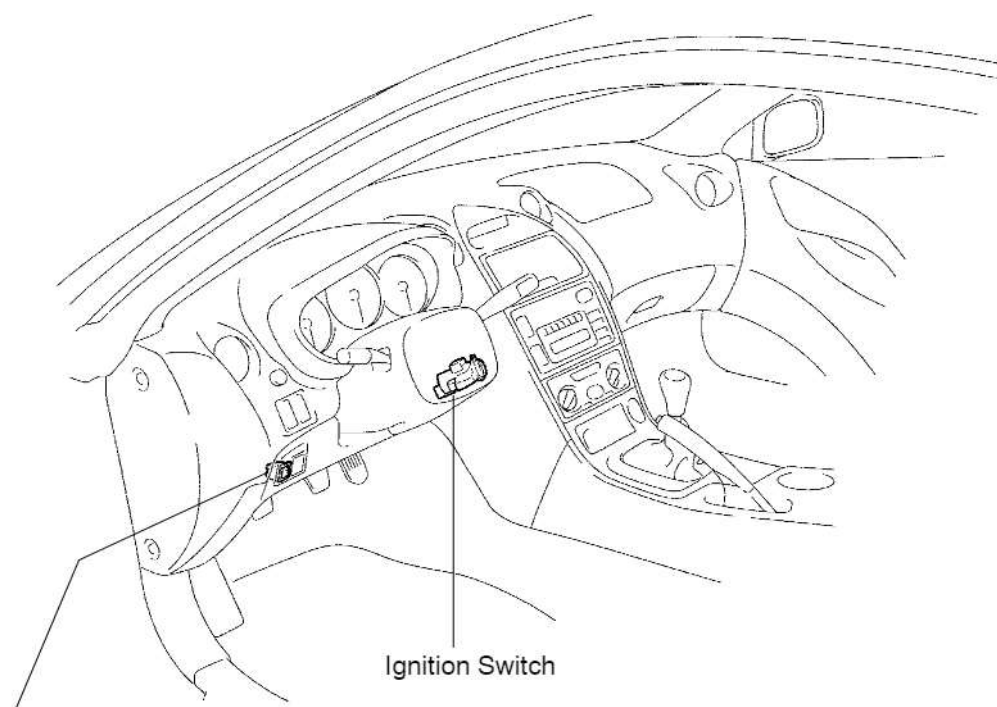


w/o HID:



Headlight Units

- Headlight Leveling Actuator



Ignition Switch

Headlight Beam Level
Control Switch

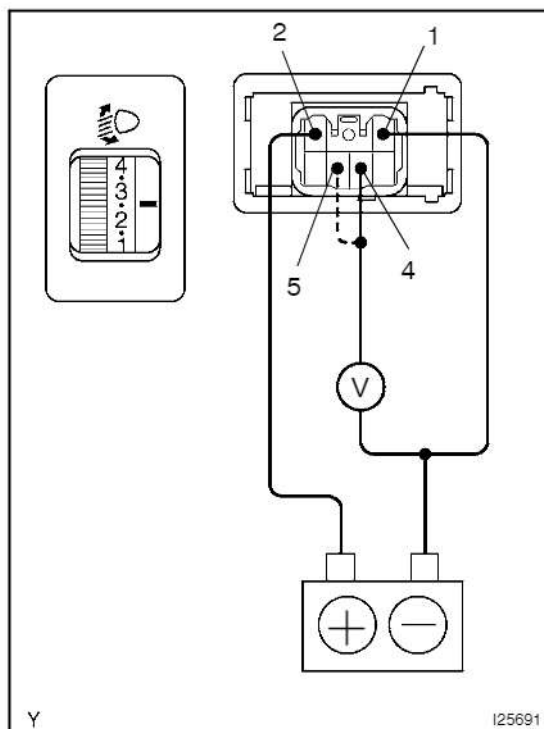
P

PRE-CHECK

FAIL SAFE FUNCTION

Headlight Beam Level Control Computer

Trouble Area	Condition	Recovery Condition	Indicator light comes on.
Headlight Leveling ECU	High voltage	Normal voltage	○
Headlight Leveling ECU	Low voltage	Normal voltage	–
Vehicle speed sensor	Vehicle speed is detected to be over 180 km/h	Under 180 km/h	–
Height control sensor	Height signal malfunction	Normal signal is detected for 5 secs.	–
Height control sensor	Height control sensor power source voltage malfunction	Normal signal is detected for 5 secs.	○
Height control sensor	Open or short in height control sensor source circuit	Normal signal is detected for 5 secs.	○
Headlight Leveling ECU	Watchdog detection	Headlight ECU reset is released	○



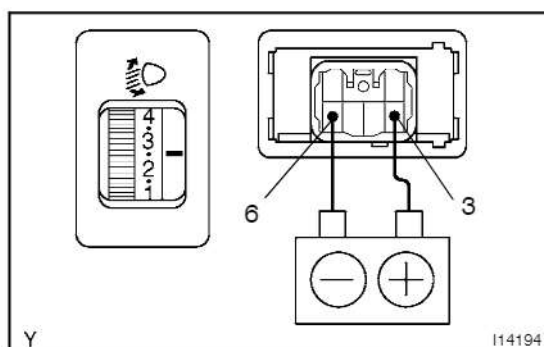
INSPECTION

1. INSPECT HEADLIGHT BEAM LEVEL CONTROL SWITCH VOLTAGE

Measure the voltage between terminal 4 and 1, or 5 and 1.

Switch position	Voltage
0	Approx. 10.8 V
1	Approx. 9.5 V
2	Approx. 8.2 V
3	Approx. 7.0 V
4	Approx. 5.7 V
5	Approx. 4.4 V

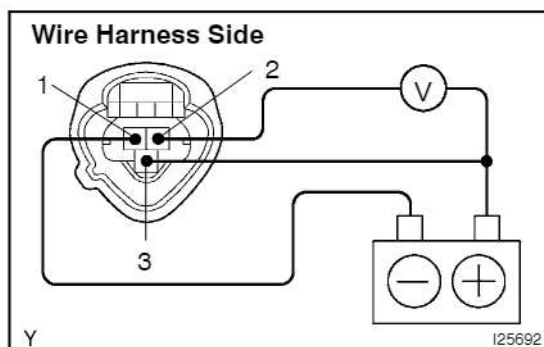
If voltage is not as specified, replace the switch.



2. INSPECT HEADLIGHT BEAM LEVEL CONTROL SWITCH ILLUMINATION

Connect the battery positive (+) lead to terminal 3 and the battery negative (-) lead to terminal 6, and check that the illumination light comes on.

If operation is not as specified, replace the switch.

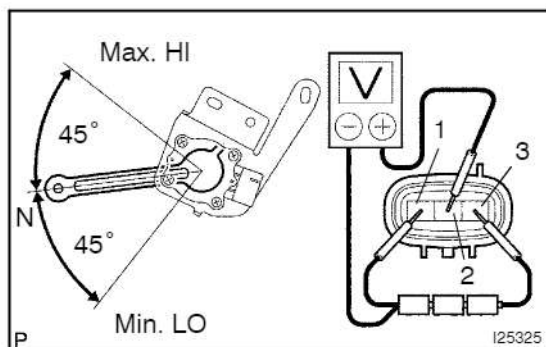


3. INSPECT HEADLIGHT BEAM LEVEL CONTROL ACTUATOR CIRCUIT

Disconnect the connector and inspect the connector on the wire harness as shown in the chart below.

Switch position	Voltage
0	Approx. 10.8 V
1	Approx. 9.5 V
2	Approx. 8.2 V
3	Approx. 7.0 V
4	Approx. 5.7 V
5	Approx. 4.4 V

If voltage is as specified, replace the actuator.



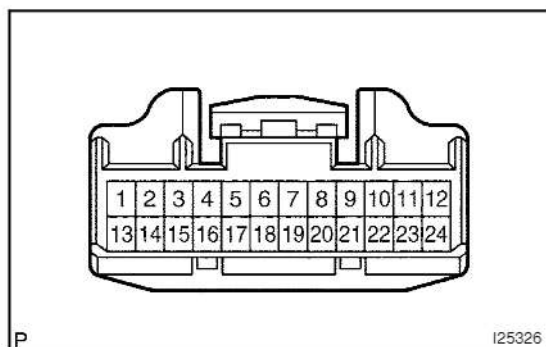
4. w/ HID:

INSPECT REAR HEIGHT CONTROL SENSOR

- Connect 3 dry batteries of 1.5 V in series.
- Connect terminal 3 to the batteries' positive (+) terminal, and terminal 1 to the batteries' negative (-) terminal, then apply about 4.5 V between terminals 1 and 3.
- Measure the voltage between terminals 1 and 2, while the height control sensor link is slowly moved up and down.

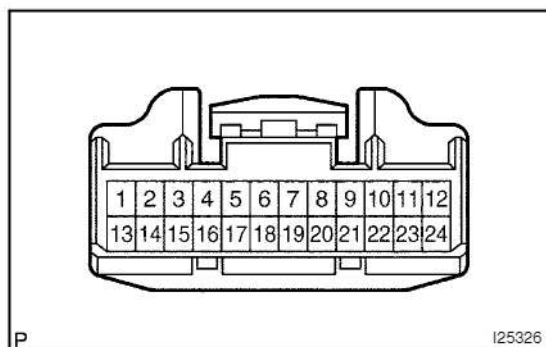
Sensor Link Position	Voltage
Max. HI	Approx. 4.1 V
N	Approx. 2.3 V
Min. LO	Approx. 0.5 V

If voltage is not as specified, replace the height control sensor.

5. **INSPECT HEADLIGHT BEAM LEVEL CONTROL ECU CIRCUIT****Connector disconnected:**

Disconnect the connector from ECU, and inspect the connector on the wire harness side as shown in the table below.

Tester connection	Condition	Specified condition
1 – 24	Ignition switch is ON.	10 – 14 V
24 – GND	Always	Continuity
2 – 20	Always	4.3 – 1.3 Ω
5 – 20	Always	2.2 k Ω (When the vehicle is empty.) Resistance changes depending on the rear vehicle height.
10 – 24	Headlight is lighting.	10 – 14 V
16 – GND	The passenger seat is occupied and the seat belt is not fastened.	Continuity
17 – GND	The passenger seat is occupied and the seat belt is fastened.	Continuity



6. INSPECT HEADLIGHT BEAM LEVEL CONTROL ECU CIRCUIT

Connector connected:

Inspect the connector of the headlight beam level control ECU with the connector being connected as shown in the table.

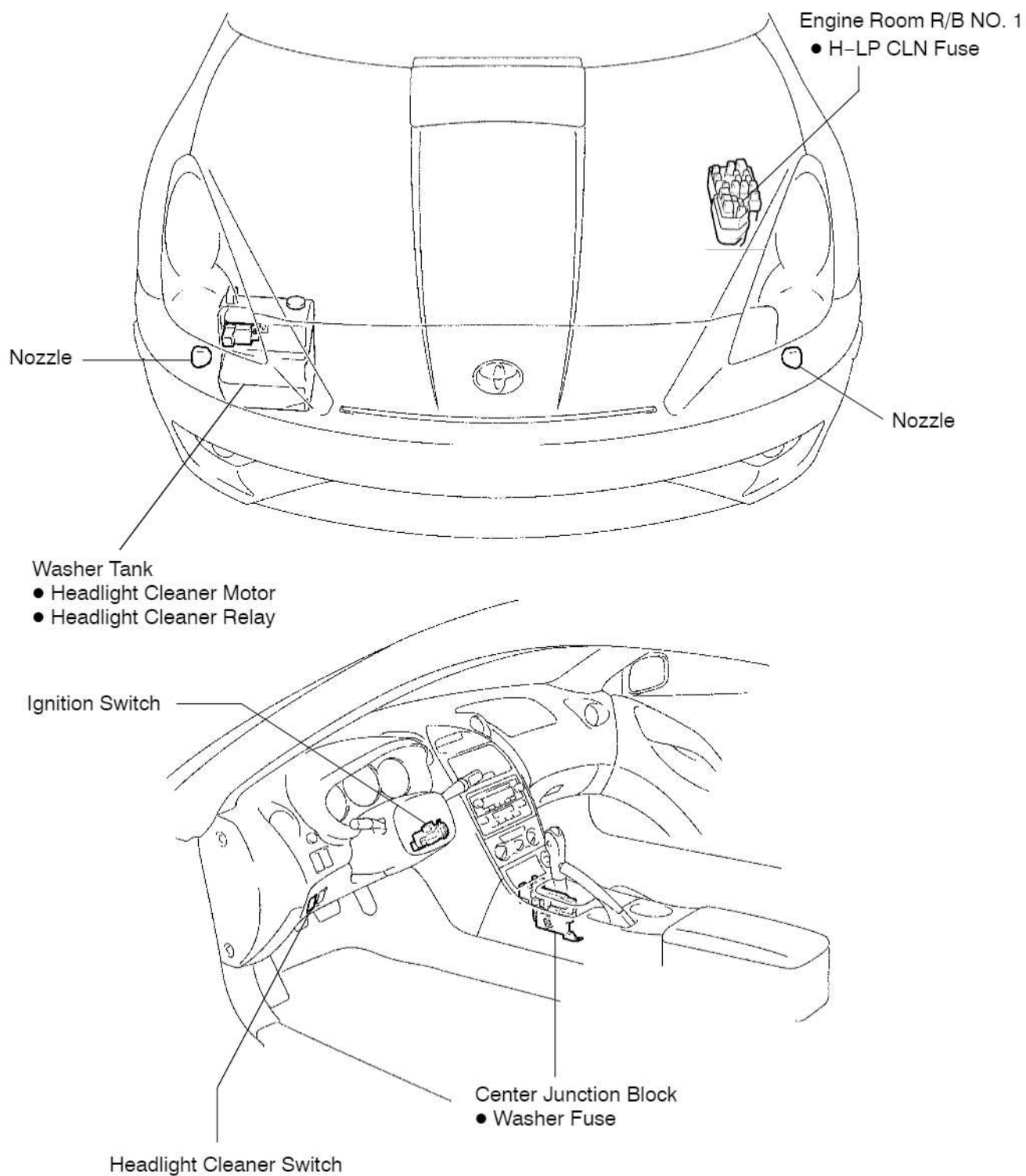
Tester connection	Condition	Specified condition
3 - 22	Headlight is ON, the vehicle is parked, while the vehicle height changes.	1 - 11 V (★)
4 - 23	Headlight is ON, the vehicle is parked, while the vehicle height changes.	1 - 11 V (★)
13 - 22	Ignition switch is ON.	10 - 14 V
14 - 23	Ignition switch is ON.	10 - 14 V
12 - 24	While the vehicle is in motion.	Vehicle speed pulse
11 - 24	Ignition switch is ON, headlight beam level control system operates normally.	10 - 14 V

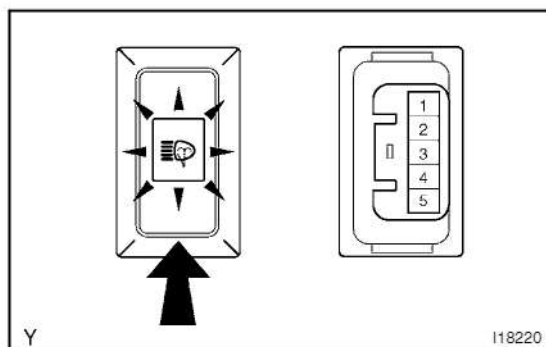
★Value changes between 1 V to 11 V depending on the rear vehicle height.

If the circuit is not as specified, replace the ECU.

HEADLIGHT CLEANER SYSTEM LOCATION

822FO-01



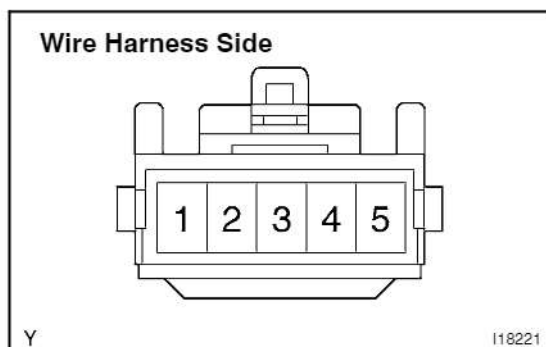


INSPECTION

1. INSPECT HEADLIGHT CLEANER SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
OFF	1 - 3	No continuity
ON	2 - 3	Continuity
Illumination circuit	4 - 5	Continuity

If continuity is not as specified, replace the switch.

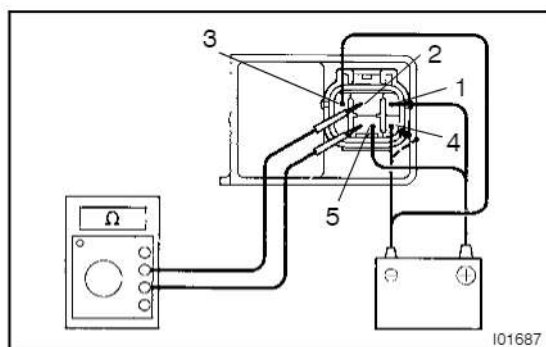


2. INSPECT HEADLIGHT CLEANER SWITCH CIRCUIT

Disconnect the switch connector and inspect the connector on wire harness side as shown in the table below.

Tester connection	Condition	Specified condition
2 - Ground	Always	Battery voltage

If circuit is not as specified, inspect the circuits connected to other parts.

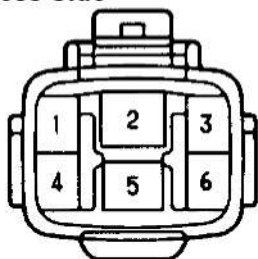


3. INSPECT HEADLIGHT CLEANER RELAY CONTINUITY

- Check that no continuity exists between terminals 2 and 5.
- Connect the battery positive (+) lead to terminal 1, and the battery negative (-) lead to terminal 3.
- Connect the battery negative (-) lead to terminal 4, and check that continuity exists between terminal 2 and 5 for 0.9 - 1.6 seconds and no continuity stops.

If operation is not as specified, replace the relay.

Wire Harness Side



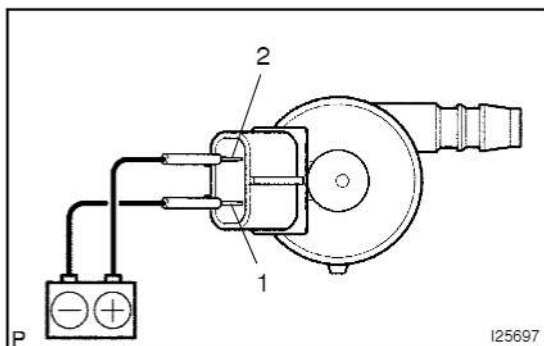
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4. INSPECT HEADLIGHT CLEANER RELAY CIRCUIT

Disconnect the connector from the relay and inspect the connector on the wire harness side as shown in the table below.

Tester connection	Condition	Specified condition
2 - Ground	Always	Battery voltage
3 - Ground	Light control switch is in HEAD	Continuity
4 - Ground	Ignition switch ON, light control switch in HEAD and cleaner switch OFF	No continuity
4 - Ground	Ignition switch ON, light control switch in HEAD and cleaner switch ON or daytime running light system operating	Continuity
1 - Ground	Ignition switch OFF or ACC	No voltage
1 - Ground	Ignition switch ON	Battery voltage
5 - Ground	Always	Continuity

If circuit is not as specified, inspect the circuits connected to other parts.



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5. INSPECT HEADLIGHT CLEANER MOTOR OPERATION

Connect the battery positive (+) lead to terminal 2 and the negative (-) lead to terminal 1, and check that the motor operates.

NOTICE:

These tests must be performed quickly (within 20 seconds) to prevent the coil from burning out.

If operation is not as specified, replace the motor.

Wire Harness Side



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6. INSPECT HEADLIGHT CLEANER MOTOR CIRCUIT

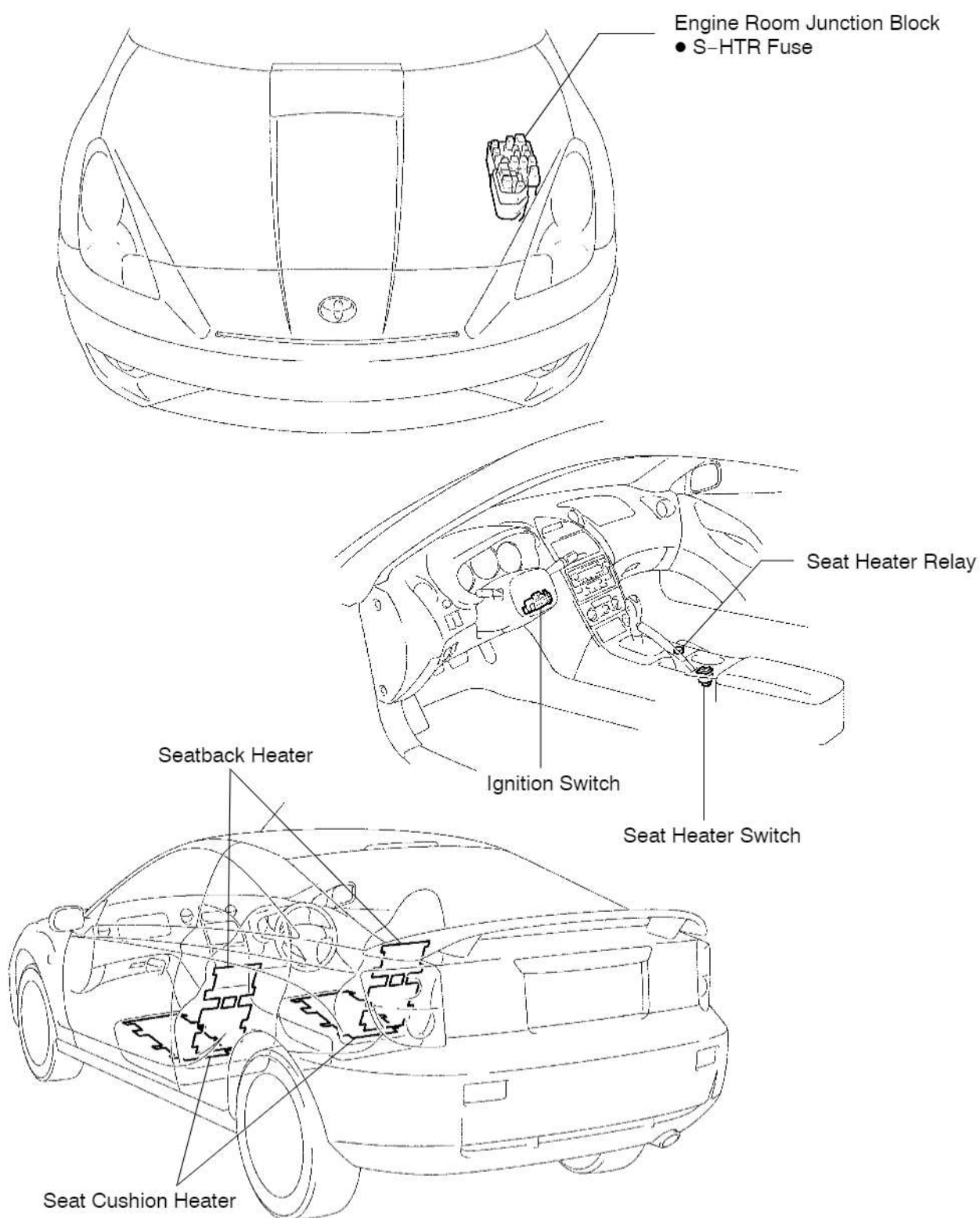
Disconnect the connector from the cleaner motor, and inspect the connector on wire harness side as shown in the table.

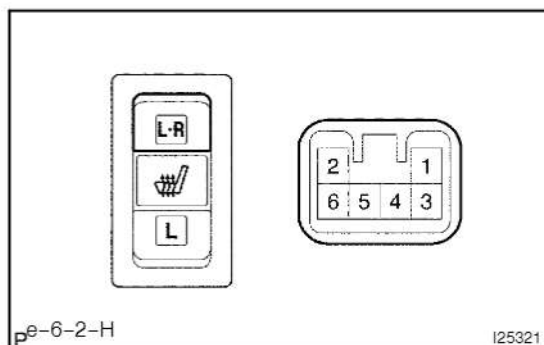
Tester connection	Condition	Specified condition
2 - Ground	Constant	Continuity

If circuit is not as specified, inspect the circuits connected to other parts.

SEAT HEATER SYSTEM LOCATION

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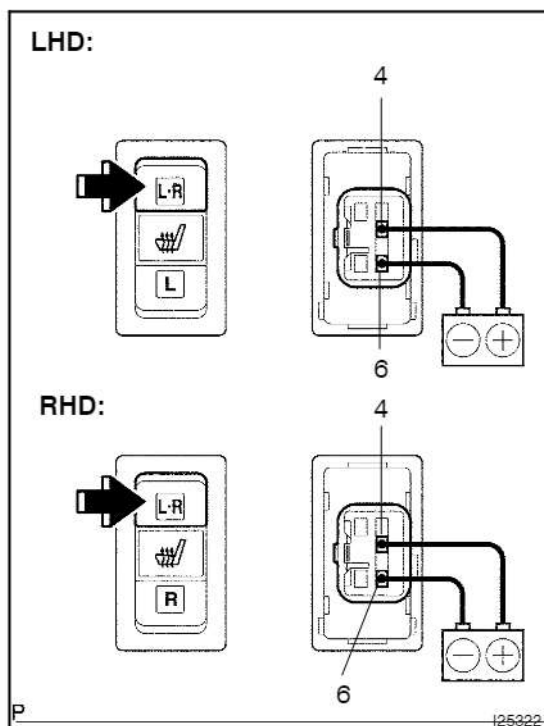


INSPECTION

1. INSPECT SEAT HEATER SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
Right and left side	2 - 3 - 4 - 6	Continuity
OFF	-	No continuity
Left side	3 - 4 - 6	Continuity
Illumination circuit	1 - 5	Continuity

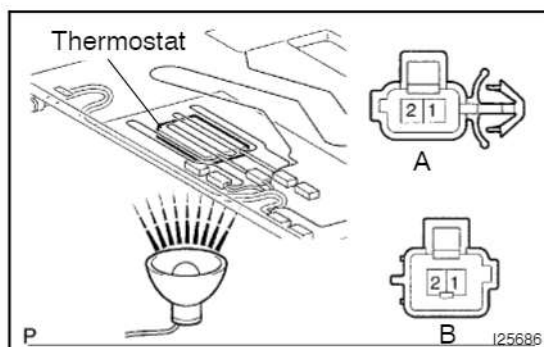
If continuity is not as specified, replace the switch.



2. INSPECT SEAT HEATER INDICATOR LIGHT OPERATION

- Connect the battery positive (+) lead to terminal 4 and the battery negative (-) lead to terminal 6.
- Push the each switch on the seat heater switch and check that the indicator light comes on.

If operation is not as specified, replace the switch and inspect the circuits connected to other parts.



3. INSPECT SEAT CUSHION HEATER CONTINUITY

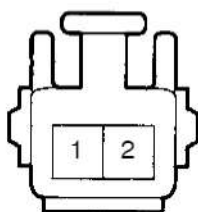
- Heat the thermostat with a light.
- Inspect the seat heater cushion continuity between terminals as shown in the table below.

HINT:

Connector A of the seat heater cushion is on the body side, and connector B of the seat heater cushion is on the seatback heater side.

Tester connection	Condition	Specified condition
A2 - B1	Always	Continuity
B1 - B2	Seat heater temperature below 25 °C (77 °F)	Continuity
B1 - B2	Seat heater temperature above 44 °C (112 °F)	No continuity
A1 - A2	Constant	Continuity

If continuity is not as specified, replace the seat cushion pad.

Wire Harness Side

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4. INSPECT SEAT CUSHION HEATER CIRCUIT

Disconnect the connector from the seatback heater, and inspect the connector on the wire harness.

Tester connection	Condition	Specified condition
1 - Body ground	Seat heater switch ON	Battery positive voltage

If the circuit is not as specified, inspect the circuits connected to other parts.



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5. INSPECT SEATBACK HEATER CONTINUITY

Inspect the seatback heater continuity between terminals as shown in the table below.

Tester connection	Condition	Specified condition
1 - 2	Constant	Continuity

If continuity is not as specified, replace the seatback pad.