

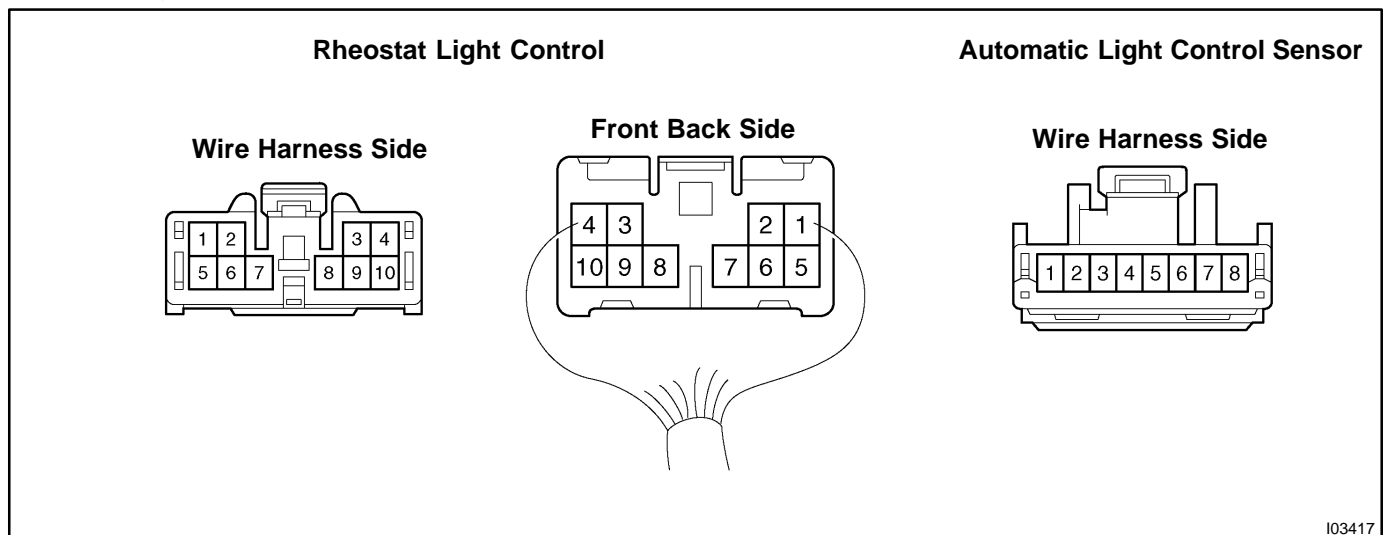
CIRCUIT

1. When checking voltage, resistance, etc., use a high impedance type tester (It is impossible with a simple tester).
2. When the ignition switch is turned to START, all meters will go out but this is normal.
3. When replacing the internal mechanism (computer parts) of the meter, be careful that no part of your body or clothing comes in contact with the terminals of the leads from the IC, etc. of the replacement parts (spare parts).
4. Do not disconnect the battery while the engine is running as this would cause an instant reverse charge, resulting in damage to the components.
5. Always disconnect the battery terminals before pulling apart connectors or terminals.
6. To prevent damage, handle meters with care.

No.	Trouble
1	None of the illuminations can be adjusted.
2	Only the combination meter cannot be adjusted.
3	The combination meter can be adjusted, but not other illumination.
4	Tail cancellation does not work for the clock, air conditioner panel and combination meter.
5	Tail cancellation does not work for one of clock, air conditioner panel or combination meter.
6	Tail cancellation (illumination at 100 % brightness) does not occur when tail cancellation of the rheostat light control is released, the light control switch is put on AUTO and light strikes the automatic light control sensor. (Area surrounding vehicle is dark)

HINT:

Tail cancellation refers to the illumination brightness becoming 100 % when the rheostat light control is turned to the right beyond the moderate position. (Light is not applied to the automatic light control sensor at this time.)



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1	None of the illuminations can be adjusted
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HINT: While carrying, out the following inspection, make certain that the connectors and terminals are properly connected.

Connect the wire harness side connector to the rheostat light control and inspect wire harness side connector from the back side, as shown.

Ignition switch position ON.
Connect the positive (+) lead from the voltmeter to terminal 5 and negative (–) lead to the body ground. Is there battery positive voltage?

No

Replace GAUGE Fuse.
Then recheck system.

Yes

Turn light control switch to TAIL.
Taillight is normal?

No

Taillight system faulty. Inspect taillight circuit.
(See page [BE-23](#))
Then recheck system.

Yes

With light control switch at TAIL, Connect the positive (+) lead from the voltage to terminal 6 and negative (–) lead to the body ground. Is there battery positive voltage?

No

Replace PANEL Fuse.
Then recheck system.

Yes

Automatic light control system is normal?
(See page [BE-38](#))

No

Automatic light control system faulty.
Replace automatic light control sensor.
Then recheck system.

Yes

Disconnect connectors from rheostat light control and automatic light control sensor, then inspect wire harness side connector.

Is there continuity when an ohmmeter is connected to connector terminal 1 on the wire harness side of the rheostat light control and connector terminal 8 on the wire harness side of automatic light control sensor?

No

Replace wire harness between connector terminal 1 rheostat side and connector terminal 8 on sensor side.

Yes

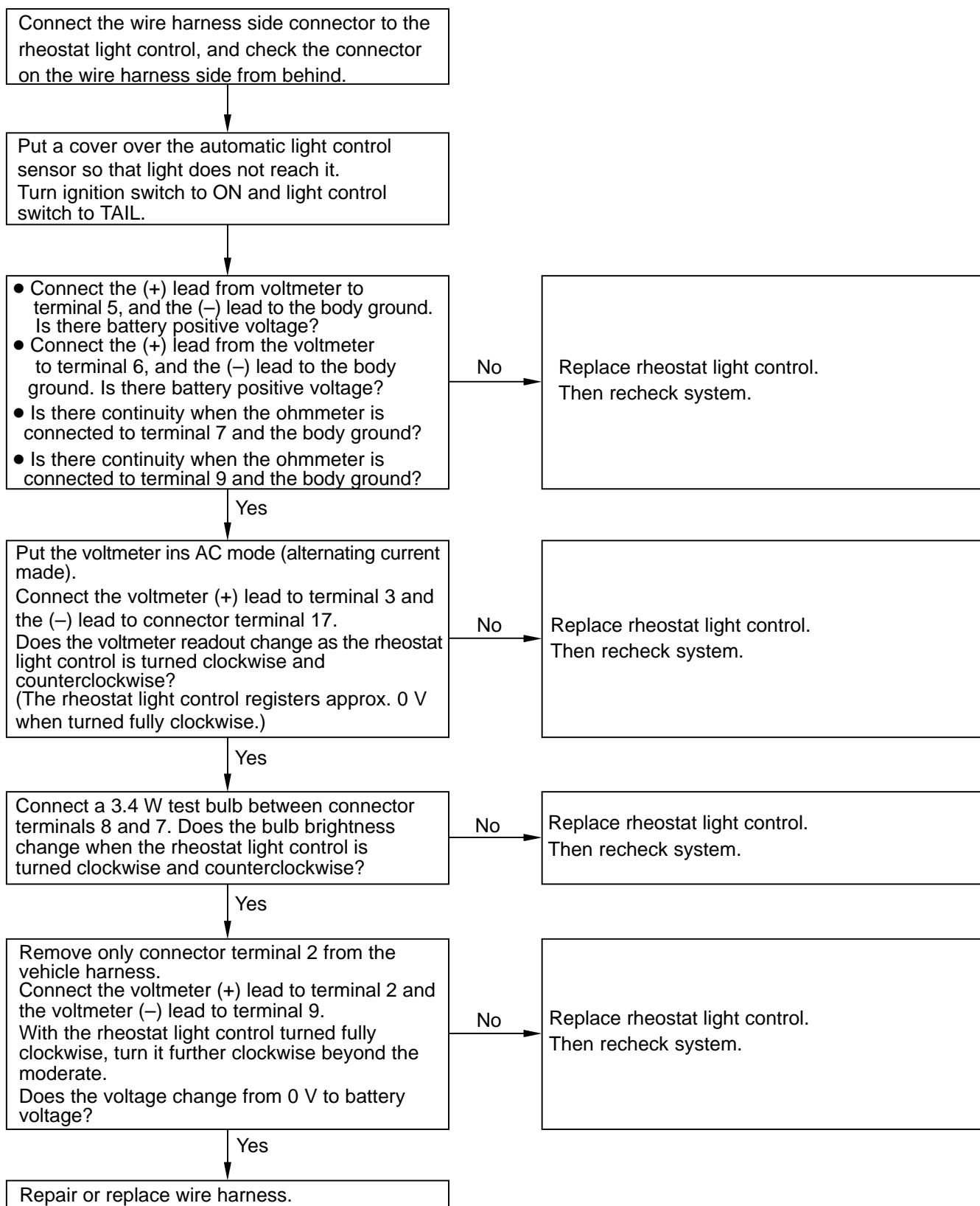
Is there continuity when and ohmmeter is connected to connector terminal 10 on wire harness side of rheostat light control and connector terminal 4 on wire harness side of automatic light control sensor?

No

Replace wire harness between connector terminal 10 on rheostat side and connector terminal 8 on sensor side.

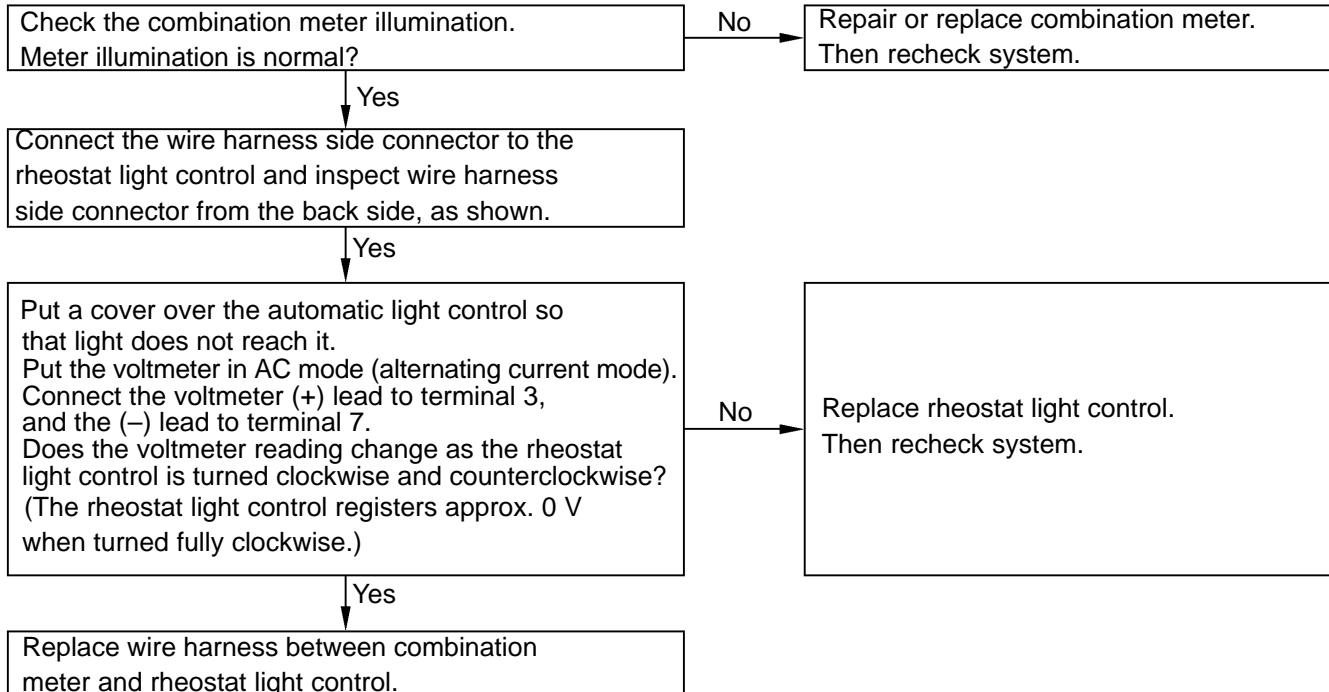
Yes

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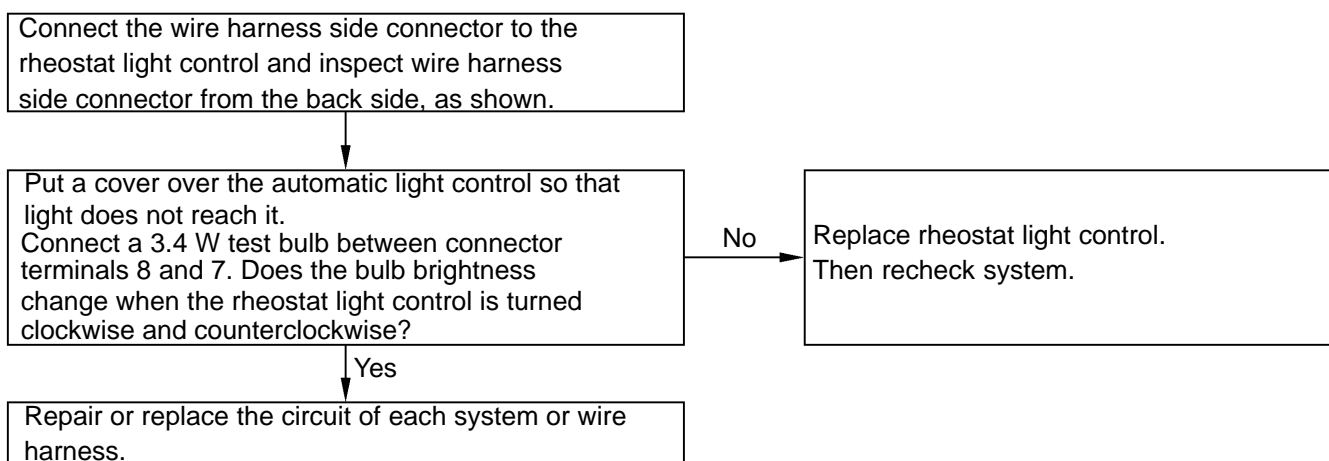
2 Only the combination meter cannot be adjusted

HINT: While carrying out the following inspection, make certain that the connectors and terminals are properly connected.



3 The combination meter can be adjusted, but not other illumination

HINT: While carrying out the following inspection, make certain that the connectors and terminals are properly connected.



4 Tail cancellation does not work for the clock, air conditioner panel or combination meter

HINT: While carrying out the following inspection, make certain that the connectors and terminals are properly connected.

Connect the wire harness side connector to the rheostat light control and inspect wire harness side connector from the back side, as shown.

Put a cover over the automatic light control sensor so that light does not reach it.
Turn ignition switch to ON and light control switch to TAIL.
Remove only connector terminal 2 from the vehicle harness.
Connect the voltmeter (+) lead to terminal 2, and voltmeter (–) lead to terminal 9.
With the rheostat right control turned fully clockwise, turn it further clockwise beyond the moderate.
Does the voltage change from 0 V to battery positive voltage?

No

Replace rheostat light control.
Then recheck system.

Yes

Repair or replace wire harness.

5 Tail cancellation does not work for one of clock, air conditioner panel or combination meter.

HINT: While carrying out the following inspection, make certain that the connectors and terminals are properly connected.

Clock

Check the clock illumination.
Clock illumination is normal?

No

Replace clock.

Yes

Replace wire harness between the rheostat and the clock

Air conditioner panel

Check the air conditioner panel illumination.
Air conditioner panel illumination is normal?

No

Replace air conditioner panel.

Yes

Replace wire harness between rheostat light control and air conditioner panel.

Combination meter

Check the combination meter illumination.
Combination meter illumination is normal?

No

Replace combination meter.

Yes

Replace wire harness between rheostat light control and combination meter.

6

Tail cancellation (illumination at 100% brightness) does not occur when tail cancellation of the rheostat light control is released, the light control switch is put on AUTO and light strikes the automatic light control sensor.
(Area surrounding vehicle is dark.)

HINT: While carrying out the following inspection, make certain that the connectors and terminals are properly connected.

