

# INSPECTION INSPECT HEADLIGHT CLEANER SWITCH CONTINU-ITY

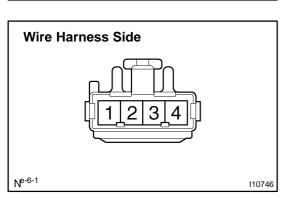
Switch position	Tester connection	Specified condition
OFF	-	No continuity
ON	1 - 4	Continuity
Illumination circuit	2 - 3	Continuity

BE0HM-07

If continuity is not as specified, replace the switch.

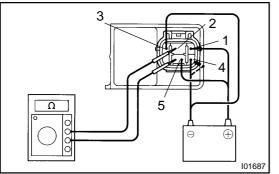
# 2. INSPECT HEADLIGHT CLEANER SWITCH CIRCUIT

Disconnect the switch connector and inspect the connector on wire harness side, as shown.



Tester connection	Condition	Specified condition
1 - Ground	Headlight ON	Continuity
1 - Ground	Headlight OFF	No continuity

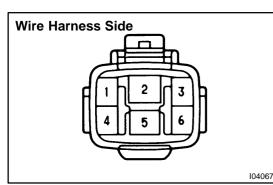
If circuit is not as specified, inspect the circuits connected to other parts.



### 3. INSPECT HEADLIGHT CLEANER RELAY OPERATION

- (a) Check that no continuity exists between terminals 2 and 5.
- (b) Connect the positive (+) lead from the battery to terminals1 and 5, and the negative (-) lead to terminal 3.
- (c) Connect the negative (-) lead from the battery to terminal
  4, and check that continuity exists between terminals 2
  and 5 for 0.9 1.1 seconds, then no continuity exists.

If operation is not as specified, replace the motor.

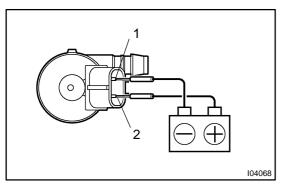


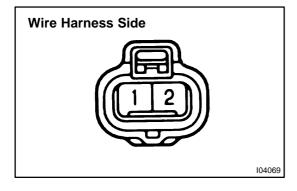
# 4. INSPECT HEADLIGHT CLEANER RELAY CIRCUIT

Disconnect the connector from the relay and inspect the connector on wire harness side, as shown.

Tester connection	Condition	Specified condition
2 - Ground 3 - Ground	Always	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	Battery voltage

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





5. INSPECT HEADLIGHT CLEANER MOTOR OPERA-TION

Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, 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.

# 6. INSPECT HEADLIGHT CLEANER MOTOR CIRCUIT

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

<sup>2005</sup> LEXUS IS300 (RM1140U)

#### BODY ELECTRICAL - HEADLIGHT CLEANER SYSTEM

Tester connection	Condition	Specified condition
2 - Ground	Always	Continuity

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