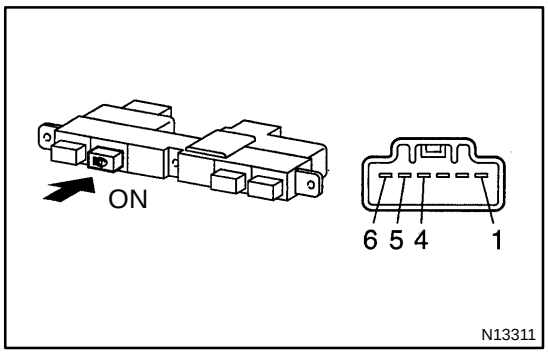
BE0BW–03

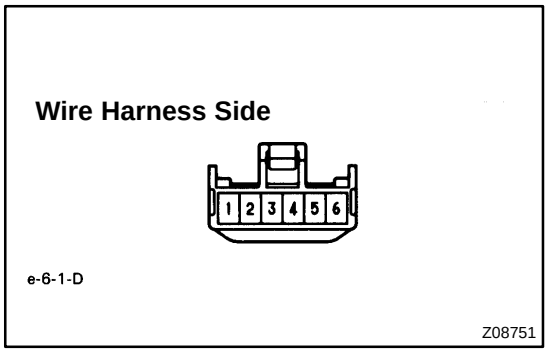
INSPECTION



1. INSPECT HEADLIGHT CLEANER SWITCH CONTINUITY

Condition	Tester connection	Specified condition
Switch OFF	–	No continuity
Switch ON	4 – 5	Continuity
Illumination circuit	1 – 6	Continuity

If continuity is not as specified, replace the switch.

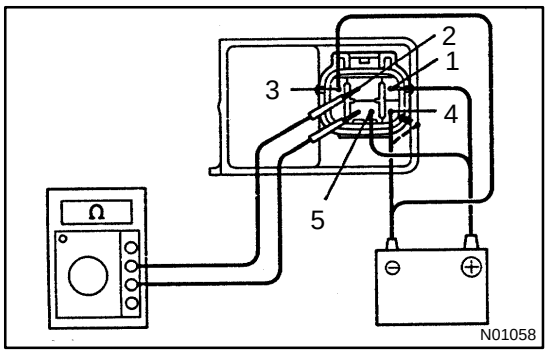


2. INSPECT HEADLIGHT CLEANER SWITCH CIRCUIT

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

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

Tester connection	Condition	Specified condition
5 – Ground	Headlight Light OFF	No continuity
5 – Ground	Headlight Light ON	Continuity
4 – Ground	Ignition switch position LOCK or ACC	No voltage
4 – Ground	Ignition switch position ON	Battery positive voltage
6 – Ground	Headlight or taillight Light ON	Battery positive voltage



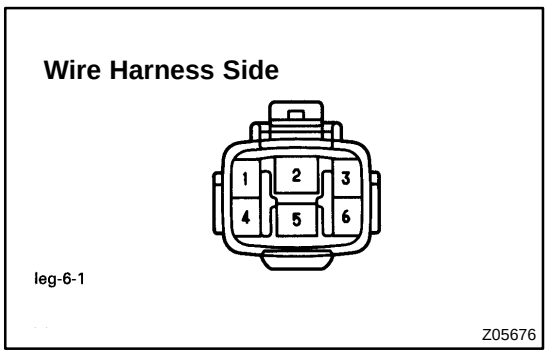
3. INSPECT HEADLIGHT CLEANER RELAY OPERATION

(a) Check that there is no continuity between terminals 2 and 5.

(b) Connect the positive (+) lead from the battery to terminals 1 and 5, and the negative (–) lead to terminal 3.

(c) Connect the negative (–) lead from the battery to terminal 4, and check that there is continuity between terminals 2 and 5 for 0.4 – 0.6 seconds, then there is no continuity.

If operation is not as specified, replace the relay.

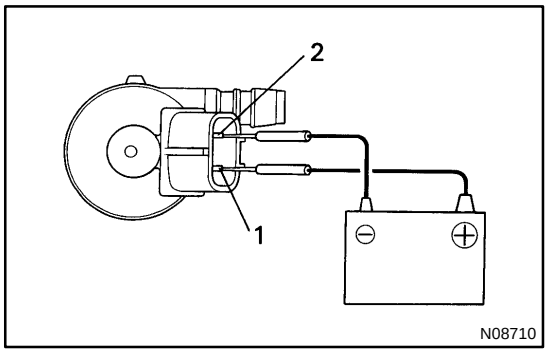


4. INSPECT HEADLIGHT CLEANER RELAY CIRCUIT

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

Tester connection	Condition	Specified condition
4 – Ground	Ignition switch ON and light control switch turned to HEAD cleaner switch OFF	No continuity
4 – Ground	Ignition switch ON and light control switch turned to HEAD cleaner switch ON	Continuity
3 – Ground 2 – Ground	Constant	Continuity
1 – Ground	Ignition switch position LOCK or ACC	No voltage
1 – Ground	Ignition switch position ON	Battery positive voltage
5 – Ground	Constant	Battery positive voltage

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



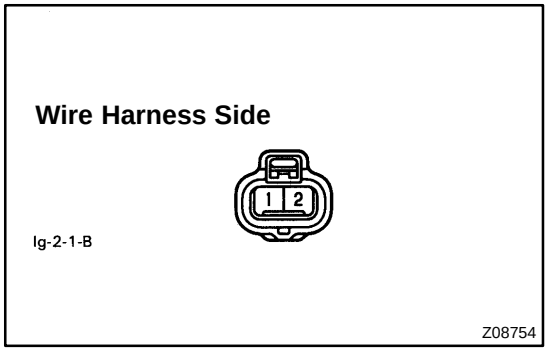
5. INSPECT HEADLIGHT CLEANER MOTOR OPERATION

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

NOTICE:

This 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 harness side, as shown.

Tester connection	Condition	Specified condition
2 – Ground	Constant	Continuity
1 – Ground	Constant	Battery positive voltage

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