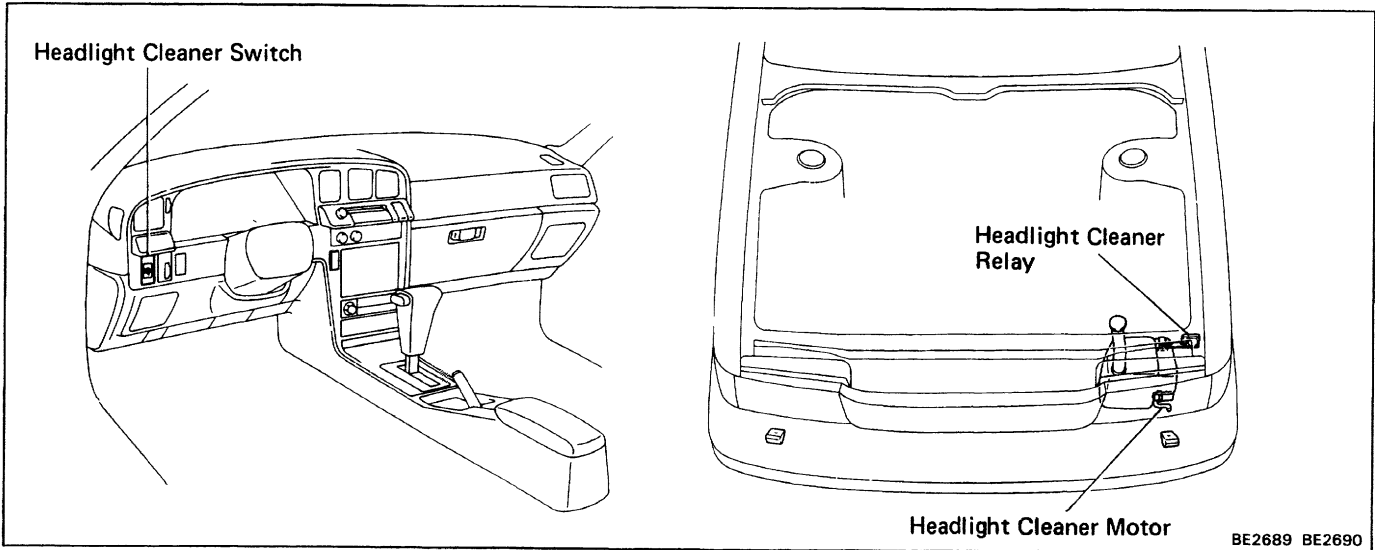
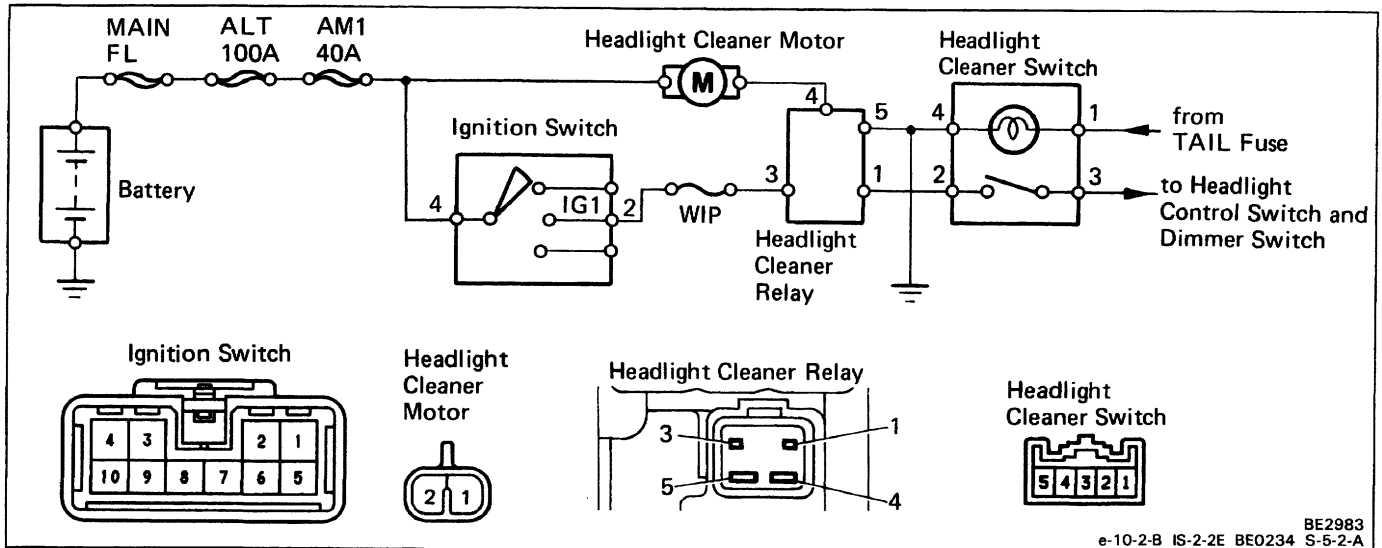


HEADLIGHT CLEANER SYSTEM

Parts Location



Wiring and Connector Diagrams

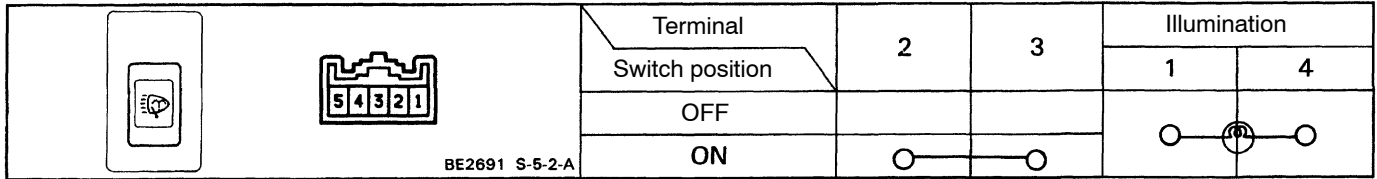


Troubleshooting

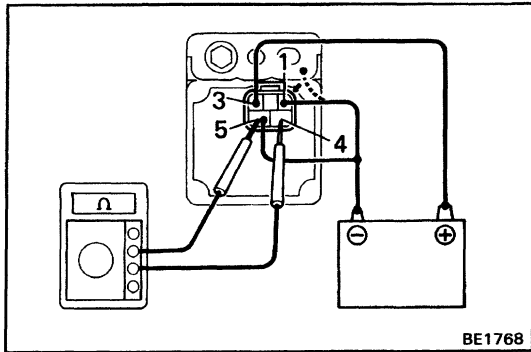
Problem	Possible cause	Remedy	Page
Headlight cleaner do not operate	Cleaner hose or nozzle clogged	Repair as necessary	BE-30 BE-30
	Cleaner motor faulty	Check motor	
	Cleaner switch faulty	Check switch	
	Wiring or ground faulty	Repair as necessary	

Parts Inspection

1. INSPECT SWITCH (Continuity)



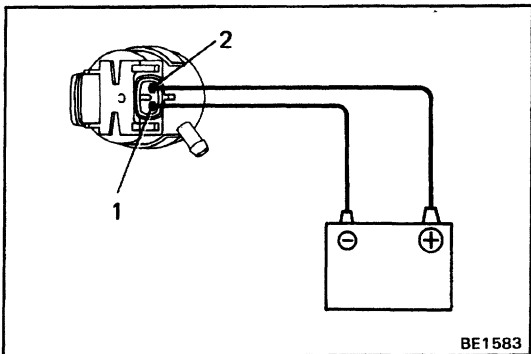
If continuity is not as specified, replace the switch.



2. INSPECT HEADLIGHT CLEANER RELAY

- Check that there is no continuity between terminals 4 and 5.
- Connect the positive (+) lead from the battery to terminal 3 and the negative (-) lead to terminal 5.
- Connect the negative (-) lead from the battery to terminal 1, check that there is continuity between terminals 4 and 5 for 0.4 – 0.6 seconds, then there is no continuity.

If operation is not as specified, replace the relay.



3. INSPECT HEADLIGHT CLEANER MOTOR

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.