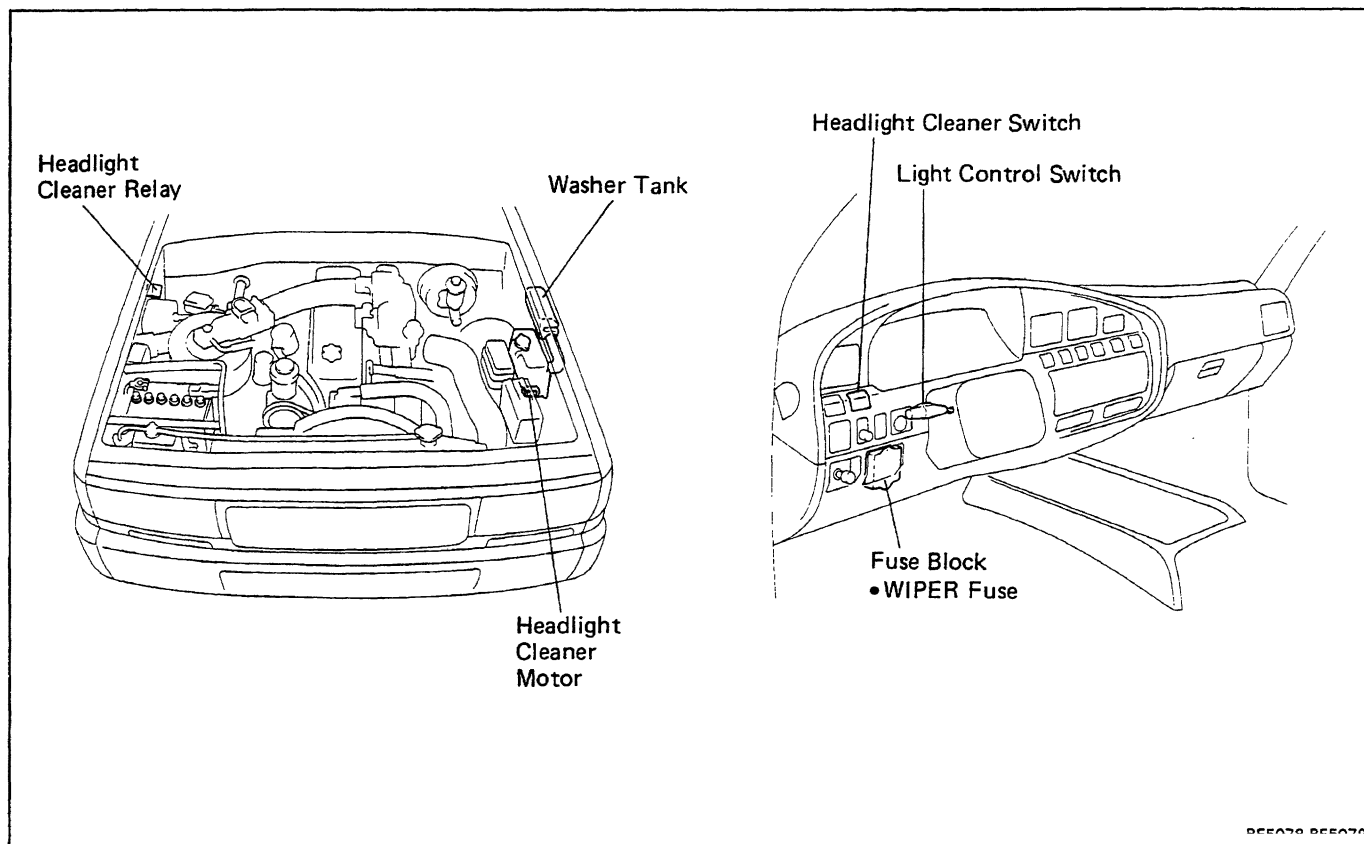
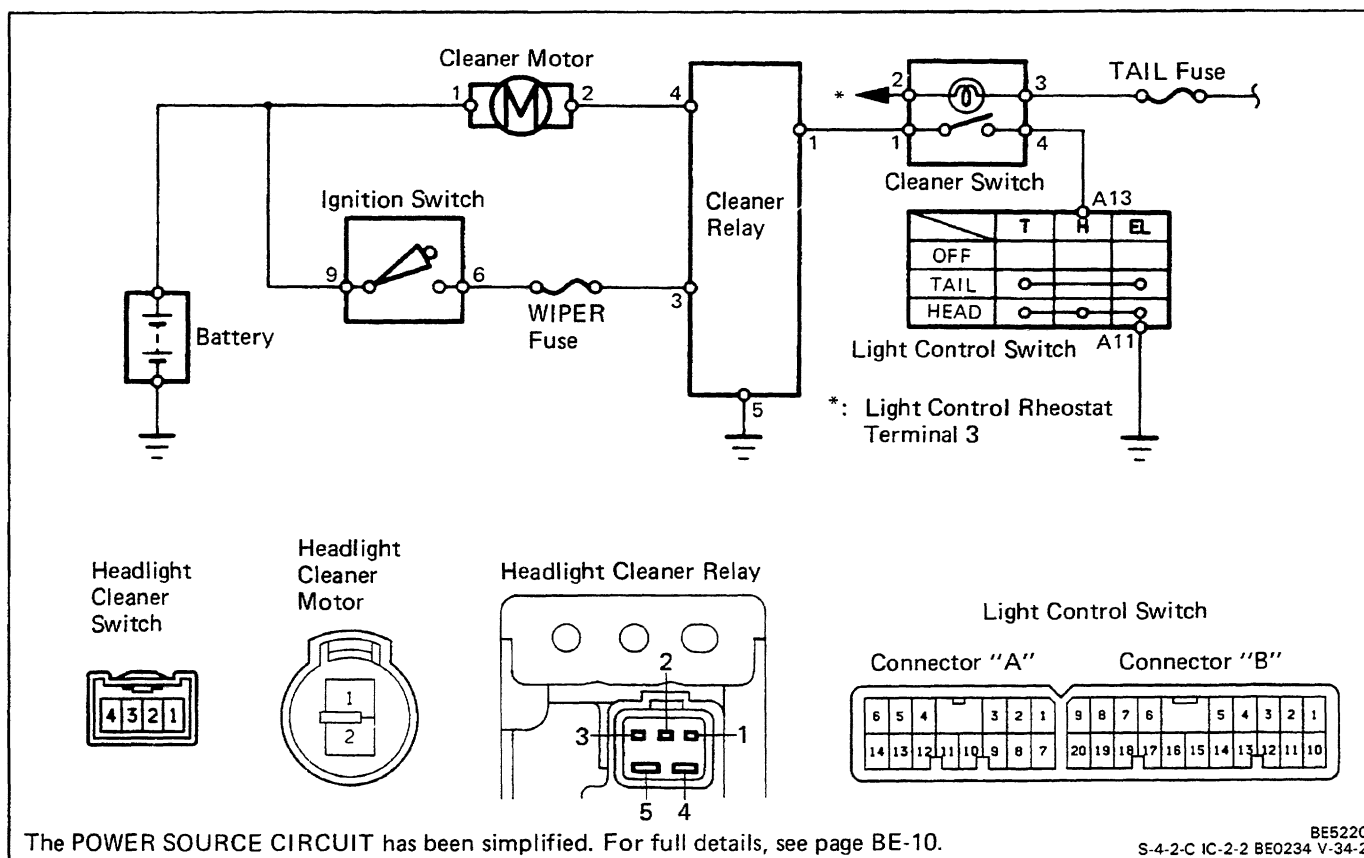


HEADLIGHT CLEANER SYSTEM Parts Location



Wiring and Connector Diagrams



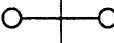
Troubleshooting

Problem	Possible cause	Remedy	Page
Headlight cleaner do not operate	WIPER fuse blown Cleaner hose or nozzle clogged Cleaner motor faulty Cleaner switch faulty Cleaner relay faulty Wiring or ground faulty	Replace fuse and check for short Repair as necessary Check motor Check switch Check relay Repair as necessary	B E-4, 6 BE-23 BE-23 BE-23

Parts Inspection

1. INSPECT SWITCH

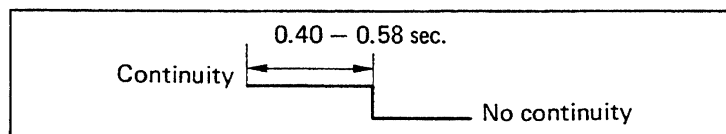
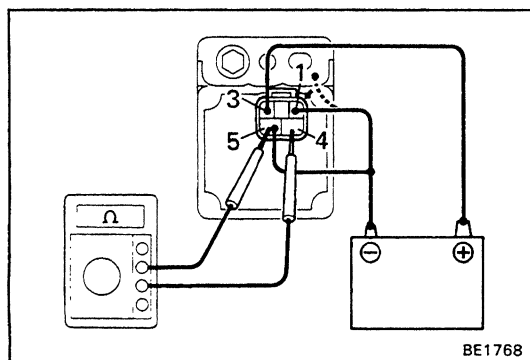
(Continuity)

Terminal Switch position	1	4	Illumination	
			2	3
OFF				
ON				

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 0.40 – 0.58 sec., 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 1 and the negative (-) lead to terminal 2, check that the motor operates.

NOTICE: These test must be performed quickly (within 3 – 5 seconds) to prevent the coil from burning out.

If operation is not as specified, replace the motor.

