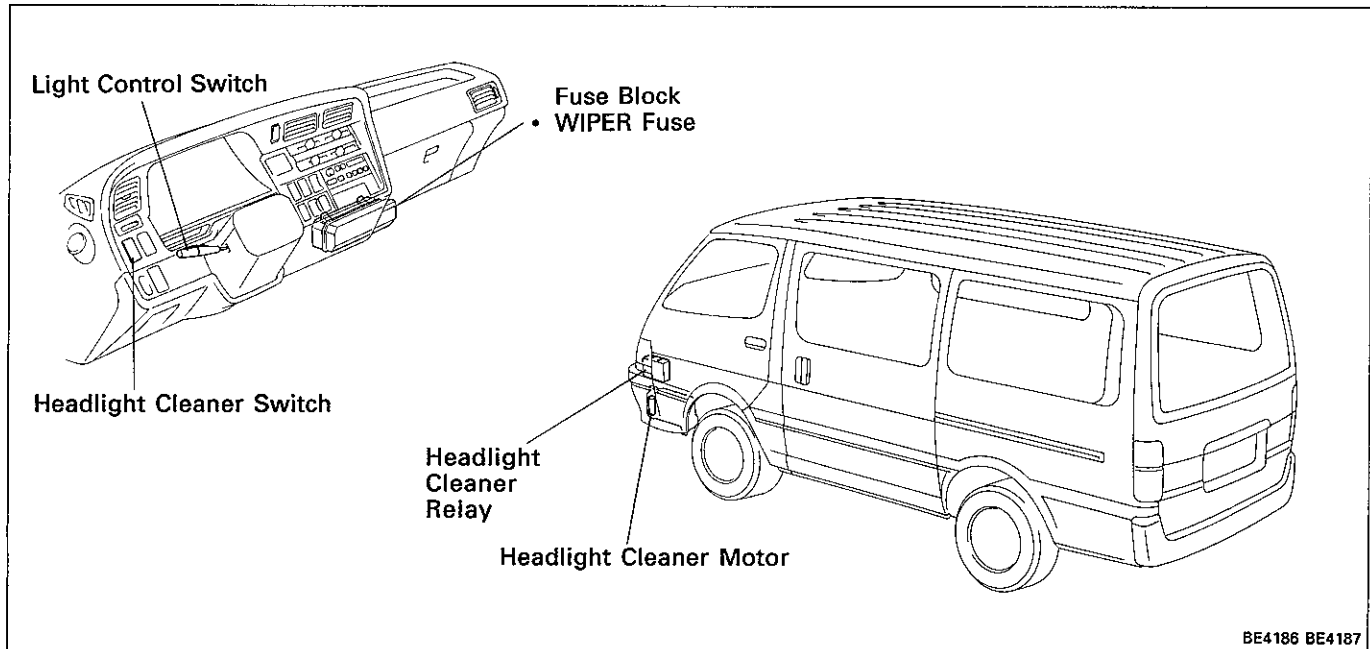
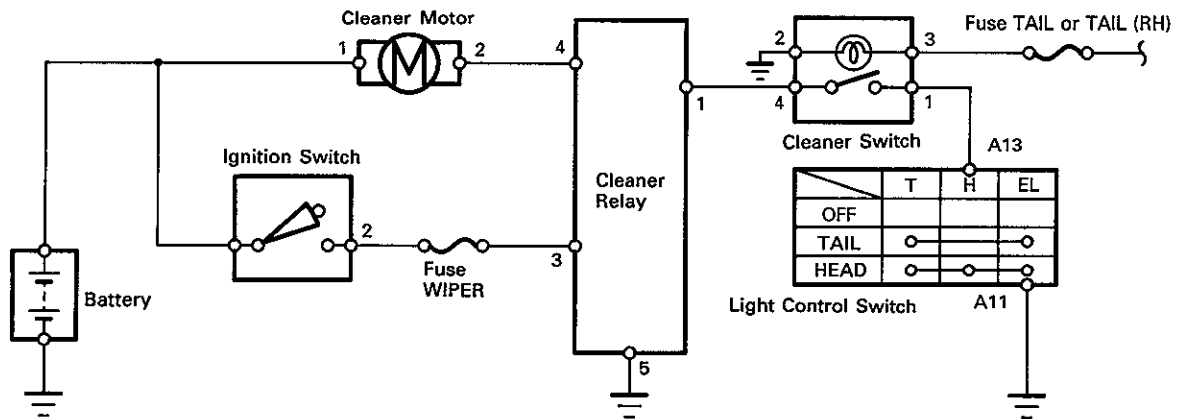


HEADLIGHT CLEANER SYSTEM

Parts Location



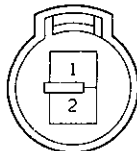
Wiring and Connector Diagrams



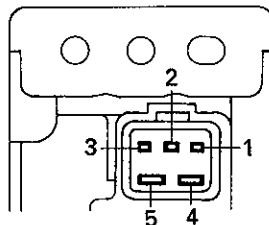
Headlight Cleaner Switch



Headlight Cleaner Motor



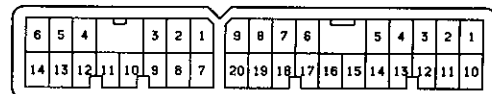
Headlight Cleaner Relay



Light Control Switch

Connector "A"

Connector "B"



The POWER SOURCE CIRCUIT has been simplified. For full details, see page BE-10.

Troubleshooting

Problem	Possible cause	Remedy	Page
Headlight cleaner do not operate	WIPER fuse blown	Replace fuse and check for short	BE-7
	Cleaner hose or nozzle clogged	Repair as necessary	
	Cleaner motor faulty	Check motor	BE-33
	Cleaner switch faulty	Check switch	BE-33
	Wiring or ground faulty	Repair as necessary	

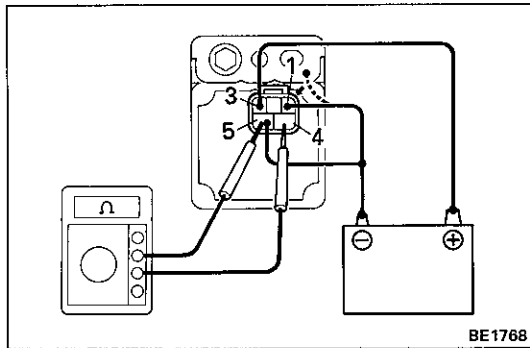
Parts Inspection

1. INSPECT SWITCH (Continuity)

Terminal Switch position	1	4	Illumination	
			2	3
OFF				
ON				

BE4189 S-4-2-C

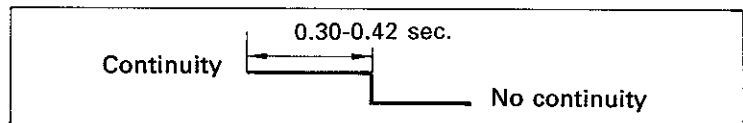
If continuity is not as specified, replace the switch.



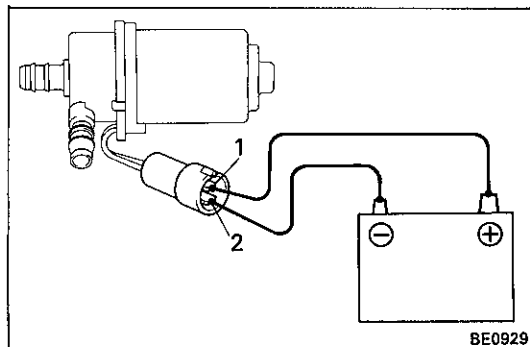
BE1768

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 0.30 - 0.42 sec., then there is no continuity.



If operation is not as specified, replace the relay.



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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.