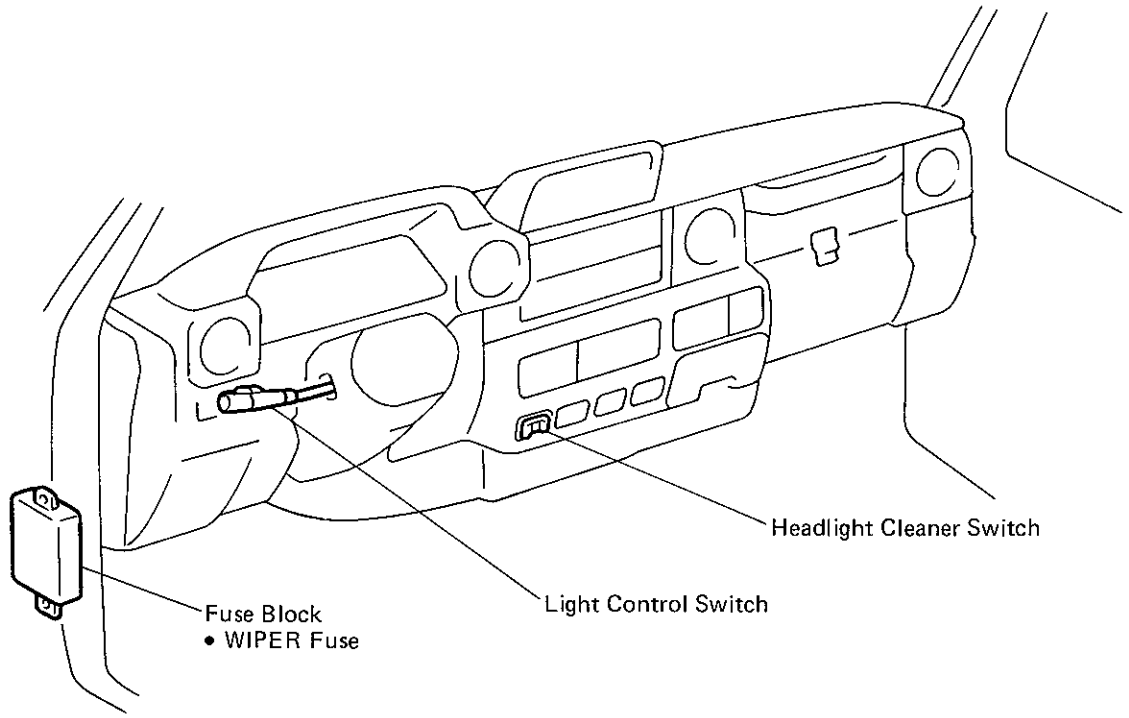
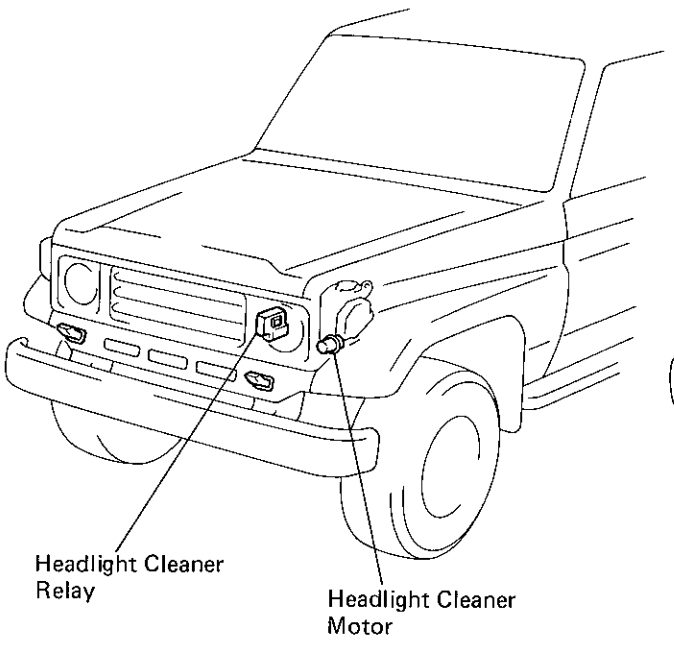
HEADLIGHT CLEANER SYSTEM

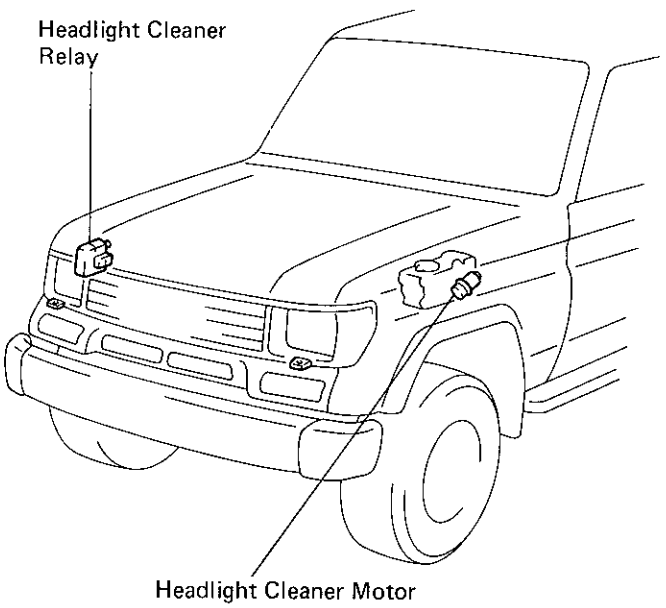
Parts Location



Heavy-Duty

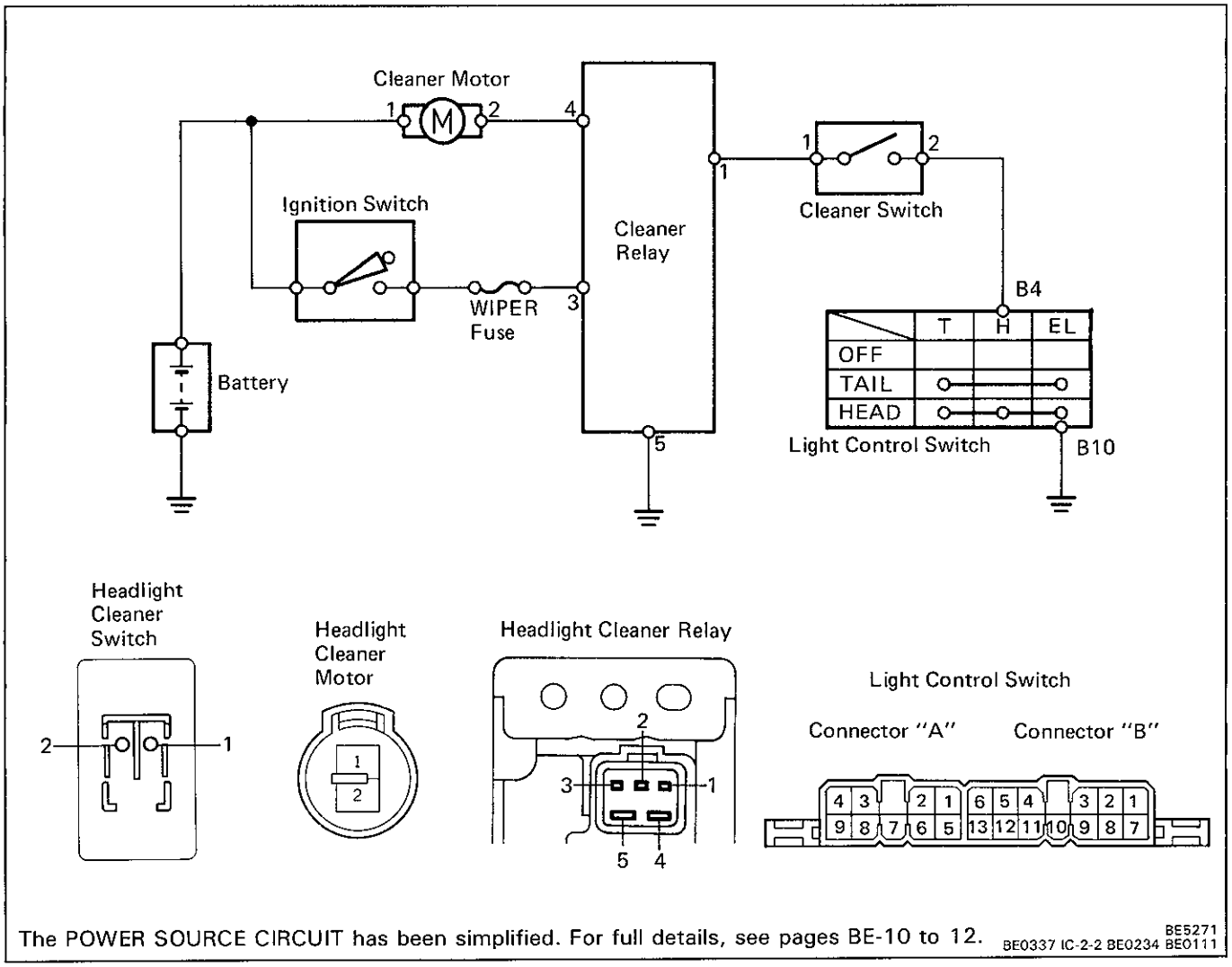


Light-Duty



BE5297
BE5299 BE5302

Wiring and Connector Diagrams



The POWER SOURCE CIRCUIT has been simplified. For full details, see pages BE-10 to 12.

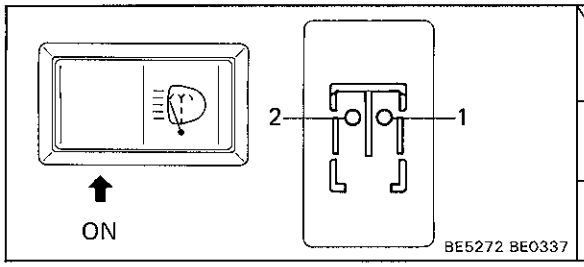
BE5271
BE0337 IC-2-2 BE0234 BE0111

Troubleshooting

Problem	Possible cause	Remedy	Page
Headlight cleaner do not operate	WIPER fuse blown	Replace fuse and check for short	BE-4
	Cleaner hose or nozzle clogged	Repair as necessary	
	Cleaner motor faulty	Check motor	BE-37
	Cleaner switch faulty	Check switch	BE-37
	Cleaner relay	Check relay	BE-37
	Wiring or ground faulty	Repair as necessary	

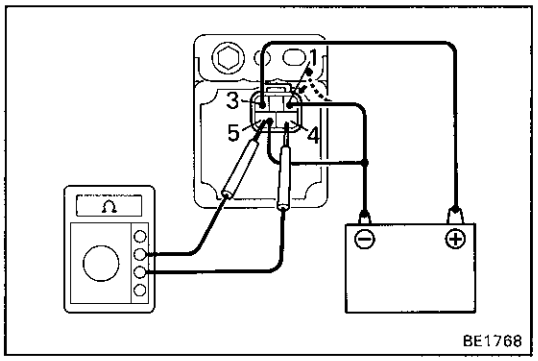
Parts Inspection

1. INSPECT SWITCH (Continuity)



Terminal / Switch position	1	2
OFF		
ON	○———	———○

If continuity is not as specified, replace the switch.

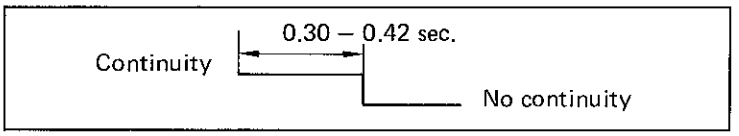


2. INSPECT HEADLIGHT CLEANER RELAY

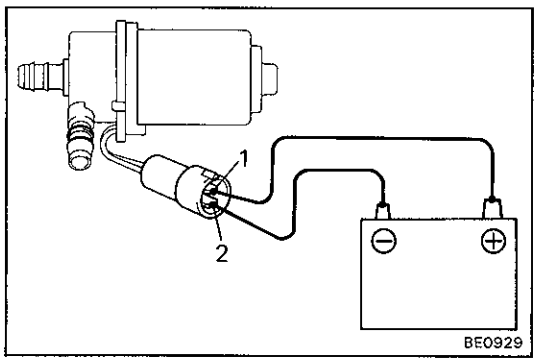
(a) Check that there is no continuity between terminals 4 and 5.

(b) Connect the positive (+) lead from the battery to terminal 3 and the negative (—) lead to terminal 5.

(c) 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.



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.