

Tat's a fact

problem solving

SAA9094414
SAAB 900S
10-1994
B234i 4 cylinder



Customer complaint

Vehicle intermittently cuts out while driving. Restarts OK.

Problem summary

In extensive road testing, problem occurred once. The vehicle restarted immediately. During more driving under different conditions, the problem repeated regularly.

Diagnostic sequence

Test battery power and earth connections. All OK.
Test live data on scan tool to try and pinpoint the problem.

Noticed power supply problems to ECU and dash instrumentation when vehicle cuts out. Further testing confirms power supply problems to ECU.

Traced wiring back to

ignition switch. Removed ignition switch and testing showed ignition 1 (main) supply to ECU and dash instrumentation.

[1]

Excessive voltage drop across ignition switch. Opening up switch and inspection confirmed poor connections to ignition feed 1.

[2]

Fault description

Ignition switch contacts burnt and causing excessive voltage drop.

Fault solution

Replace electrical section of ignition switch.

Contact switch Part No. 4946307

Recommended time

Labour time was 3.5 hours, taking into account research time, location of parts and actual time spent fixing the problem.

