

Jimmy's Electromechanics

Fig. 17: Symptom Diagnostics (3 Of 3)
MERCEDES-BENZ OF NORTH AMERICA.
 2000 Mercedes-Benz C230

Complaint/Problem	Possible cause	Test step/Remedy
Transition failure during warm-up	ECT sensor (B11/4). Hot film MAF sensor (B2/5). Intake air leak.	See FUEL INJECTION SYSTEM TESTS, step 8. See FUEL INJECTION SYSTEM TESTS, step 4. Remedy leak.
Transition failure when warm or increased fuel consumption	O2S 1 (G3/2) (before TWC). Purge control valve (Y58/1) stuck in open position.	See FUEL INJECTION SYSTEM TESTS, steps 10 and 11. See FUEL INJECTION SYSTEM TESTS, steps 26 and 27.
Engine vibrates	Hot film MAF sensor (B2/5). Ignition voltage too low. O2S 1 (G3/2) (before TWC).	See FUEL INJECTION SYSTEM TESTS, step 4. See IGNITION SYSTEM TESTS, step 9. See FUEL INJECTION SYSTEM TESTS, steps 10 and 11.
EA is in "limp-home" mode	Nominal value potentiometer in pedal value sensor (B37). EA/CC/ISC actuator actual value potentiometer.	See ELECTRONIC ACCELERATOR TESTS, steps 1 and 2. See ELECTRONIC ACCELERATOR TESTS, step 3.

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