

960-92 Motronic 1.8

Lista över de olika uttagen

- A1: Elektronisk automatlåda
- A2: Bränslesystem eller Motronic
- A3: ABS
- A6: Tändsystem (EJ Motronic)
- A7: Instrumentpanel
- B1: ECC
- B2: Farthållare
- B5: Air-Bag
- B6: Elstolar

**Bosch LH2.4 and Motronic 1.8 Fuel Injection Fault Codes** (\* denotes Check Engine lamp goes on). Where the Motronic 1.8 codes are different from LH 2.4, the **differences are shown in blue italic**. Read these from socket 2.

<b>Fault Codes</b>	<b>LH 2.4 Fault Condition</b>	<b>LH 2.4 Causes of Fault</b>	<b>LH 2.4 Symptoms</b>	<b>Motronic 1.8 Fault Condition</b>	<b>Motronic 1.8 Causes of Fault</b>
1-1-1	No faults	N/a	N/a	<b>Same</b>	<b>Same</b>
1-1-2	Fault in FI control unit	FI module fault	None	<b>Same</b>	<b>Same</b>
1-1-3*	Fuel trim (lambda control) too lean or rich	Mixture incorrect; O2S wiring fault	High fuel consumption	<b>Fault in Injector 1,2,4</b>	<b>Fuel Injector</b>
<b>1-1-5</b>	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>Fault in Injector 3,5,6</b>	<b>Fuel Injector</b>
1-2-1*	Faulty signal to/from Air Mass Meter	Wiring fault to or in AMM	Various driving problems; fuel consumption	<b>Same</b>	<b>Same</b>
1-2-3*	Signal missing to/from coolant temp. sensor	Wiring fault to or in ECT sensor; grounds corroded on intake manifold or engine	Difficult to start engine when cold	<b>Same</b>	<b>Same</b>

1-3-1	Ignition system RPM signal missing on starting	Wiring fault or RPM sensor bad	Engine will not start	<b>Same</b>	<b>Same</b>
1-3-2	Battery voltage too low/high	Poor battery or charging system	No faults evident	<b>Same</b>	<b>Same</b>
1-3-3	Throttle switch idle setting faulty or grounding fault	TPS failure or maladjusted	Above-normal idle speed	<b>Same</b>	<b>Same</b>
<b>1-4-3</b>	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>Front knock sensor signal missing or faulty</b>	<b>Front Knock sensor</b>
2-1-2*	Signal missing/faulty from oxygen sensor	Wiring fault to heated O2S sensor	High fuel consumption, driving problems	<b>Same</b>	<b>Same</b>
2-1-3	Throttle switch full load setting faulty or grounding short	Wiring fault to TPS or TPS failure	No faults evident	<b>Same</b>	<b>Same</b>
<b>2-1-4</b>	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>Ignition system RPM signal missing sporadically</b>	<b>Wiring fault or RPM sensor</b>

2-2-1*	Fuel trim (lambda control) too lean at part load	Lean; air leak; low fuel pressure; bad AMM	Engine stops when starting from cold; high fuel use	Same	Same
2-2-3	Signal missing to/from idle air control valve	Circuit fault to IAC or faulty IAC valve	Engine difficult to start; low idle speed	Same	Same
2-3-1*	Fuel trim (lambda control) too lean or too rich at part load	} If too lean: air leaks, low fuel pressure, bad sensor	} Engine stops when starting from cold; high fuel use or	<b>Fuel trim (lambda control) too rich at part load</b>	<b>Oxygen sensor</b>
2-3-2*	Fuel trim (lambda control) too lean or too rich at idle	} If too rich: high fuel press., leaking injector	} various driving problems	<b>Fuel trim (lambda control) too lean at idle</b>	<b>Oxygen sensor</b>
2-3-3	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>Idle control outside range</b>	<b>Idle speed control</b>
2-4-1	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>EGR system flow too low</b>	<b>EGR vacuum booster</b>
2-4-3	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>TPS throttle switch signal absent or faulty</b>	<b>Throttle position switch (TPS)</b>
3-1-1	Signal missing from speedometer	Speedo wiring or instrument cluster wiring faulty	Idling problems	Same	Same

3-1-2	Signal missing for knock-related fuel enrichment	Wiring break between EZK terminal 4 and FI #28	No faults evident	Same	Same
<b>3-1-4</b>	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>CMP camshaft sensor signal absent or faulty</b>	<b>Camshaft position sensor (CMP)</b>
3-2-1	Cold-start injector signal shorted or missing	Wiring break to cold-start injector or fault in injector	Cold-start problems	Same	Same
3-2-2	Air Mass Meter wire burn-off signal absent or faulty	Wiring break between FI terminal 8 and AMM #4	Various driving problems due to dirty AMM wire	Same	Same
3-4-4	EGR temperature signal absent or faulty	Wiring break or fault in sensor	B 204 FT/GT engines only	Same	Same
<b>4-1-3</b>	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>EGR temperature sensor signal missing or faulty</b>	<b>EFG temperature sensor</b>
<b>4-3-3</b>	<b>Not applicable</b>	<b>NA</b>	<b>NA</b>	<b>Rear knock sensor signal missing or faulty</b>	<b>Rear Knock sensor</b>