

Technical Bulletin		Model 6 Cyl.	Group 2
Subject	Software Programming Error in ECM Affecting Fault Analysis	Part Identifier 2470	Number 9601

ATTENTION: Service Manager / Service Technician

Models Affected: **911 Carrera Model Year 1996**
911 Turbo Model Year 1996

General Information: A programming error in the ECM has resulted in the omission of two areas of mode 2 Freeze Frame (instantaneous operational condition) data:

- Regulation factor for Oxygen sensor regulation, Bank 2 (cyl.4-6).
- Adaption value for the Oxygen sensor regulation, Bank 2 (cyl.4-6).

This information cannot be read out with a scan tool and the values in the control unit memory cannot be retrieved.

The menu text:

O2S.-Integr. B2.....% and

O2S.-Adapt. B2.....%

are not shown by the scan tool (see the OBD II workshop manual page B-21).

\$08 A/F integrator bank 2

Mode 41Pid\$08 Adr\$17

O2S integr. B2
0.0%

Value indicated, lean up to - 100%
rich up to 99.22%

\$09 A/F adaptation bank 2

Mode 41Pid\$09 Adr\$17

O2S adapt. B2
0.0%

Value indicated, lean up to - 100%
rich up to 99.22%

This software error is in vehicles produced **before** the following VIN numbers:

99 1 TS 32 0192	911 Carrera Coupe
99 1 TS 34 0161	911 Carrera Cabrio
99 1 TS 37 5557	911 Turbo

ECM's with corrected software are installed in production as of August 31, 1995.



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Parts Information:	<p>The part number for the 911 Carrera ECM remains unchanged: 993 618 604 00 911 Carrera</p> <p>The part number for the 911 Turbo ECM has changed: 993 618 666 01 911 Turbo</p>
Repair Information:	<p>The missing "Bank 2" values mean only that the information cannot be used for fault analysis. A replacement of the ECM is not necessary.</p> <p>For fault analysis the corresponding values from "Bank 1" can be used as equivalent information for the missing "Bank 2" values.</p> <p>However, if a leak in the intake or exhaust system is present (indicated through fault codes P1123...P1130), the leak has to be repaired before using "Bank 1" values as substitutes for "Bank 2" values for diagnosis of possible further problems.</p>
Warranty Information:	Replacement of control unit for this programming error is not a warranty matter.

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