## Technical Bulletin Subject Software Programming Error in ECM Affecting Fault Analysis Model 6 Cyl. 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 condi-

tion) data:

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

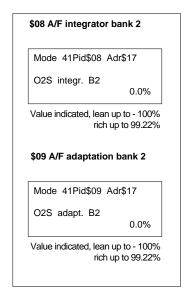
- Adaption value for the Oxygen sensor regulation, Bank 2 (cyl.4-6).

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).



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: The part number for the 911 Carrera ECM remains unchanged:

993 618 604 00 911 Carrera

The part number for the 911 Turbo ECM has changed:

993 618 666 01 911 Turbo

Repair Information: The missing "Bank 2" values mean only that the information

cannot be used for fault analysis. A replacement of the ECM is

not necessary.

For fault analysis the corresponding values from "Bank 1" can

be used as equivalent information for the missing "Bank 2"

values.

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.

Warranty Information: Replacement of control unit for this programming error is not a war-

ranty matter.

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