

982 – Radiator Fans Intermittently Inoperative

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
718	2021 - 2022	Cayman GTS 4.0 (982140)	N/A	N/A
718	2021 - 2022	Boxster GTS 4.0 (982340)	N/A	N/A
718	2021 - 2022	Boxster 25 Years (982370)	N/A	N/A
718	2021 - 2022	Spyder (982510)	N/A	N/A
718	2021 - 2022	Cayman GT4 (982810)	N/A	N/A

Revision History

Revision	Release Date	Changes
0	March 7, 2022	Original document
1	August 18, 2022	Update of content
2	October 25, 2022	Update of content

Condition

The customer complains of a MIL, or a lack of cold Air Conditioning, or possibly both. The workshop finds the following fault codes stored in the DME:

- P2D8900 – Radiator fan 1 (left), power supply
- P2D8C00 – Radiator fan 2 (right), power supply

The fault codes may be stored simultaneously.

Technical Background

It is possible that the aforementioned fault codes set by rapidly starting the engine upon entering the vehicle (i.e., quick switch from key off --> engine on) this is caused by a software bug in the DME. The responsible diagnostic for this error is addressed in a new available software.

Service Information

1. Please ensure the PIWIS tester is updated to version 41.400.010
2. Please perform automatic DME programming to update the SW as shown in Table 1 below.

Model Year	Vehicle	Transmission	Target Software Version	Target Porsche Part number
2021-2022	Cayman GTS 4.0	Manual (6MT)	0001	982906034AM
2021-2022	Cayman GTS 4.0	PDK	0001	982906034AK
2021-2022	Boxster GTS 4.0	Manual (6MT)	0001	982906034AM
2021-2022	Boxster GTS 4.0	PDK	0001	982906034AK
2021-2022	Cayman GT4	Manual (6MT)	0001	982906033AT
2021-2022	Cayman GT4	PDK	0001	982906033AR
2021-2022	Spyder	Manual (6MT)	0001	982906033AT
2021-2022	Spyder	PDK	0001	982906033AR

Table 1 - 982 DME SW for Affected Order Types

Warranty

As always, be sure to document the repair completely in PCSS.

For this repair, please code the "cause" as follows:

Cause location: 19080 Electric fan
Cause symptom: 4072 Voltage too low

Use the following troubleshooting labor operation:

03350050 On board diagnostic (connect tester, fault memory read out)
03350053 On board diagnostic (Before VAL creation)
24702501 DME control unit program
03360060 On board diagnostic (read out and erase fault memory)
03350063 On board diagnostic (After VAL creation)

Additional labor operations may be claimed only as needed.

Search Items

Cayman, Boxster, GTS 4.0, radiator, fans, GT4, Spyder, 718, air conditioning, A/C, 25-year edition

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