

**01-22-06 - Irrelevant Diagnostic Trouble Codes (DTCs) Logged in Various Control Units**

Release date: 10/17/2022

Condition

| Applicable Vehicles | | | | | |
|---------------------|------|-----------|-------------|----------------|--------------|
| Model(s) | Year | Eng. Code | Trans. Code | VIN Range From | VIN Range To |
| ID.4 | 2022 | All | All | All | All |

| Revision Table | | | |
|-----------------|----------------|----------------|-----------------------|
| Instance Number | Published Date | Version Number | Reason For Update |
| 2068173/1 | 10/17/22 | 01-22-06 | Original publication. |

During vehicle inspection, maintenance, or repair, one or more of the following diagnostic trouble codes (DTCs) are found to be logged in various control units (static or sporadic).

**Note:**

This technical bulletin applies only to vehicles with a Data Bus On Board Diagnostic Interface **-J533-** (address 19) with software part number 1EA.937.012.H and software version 0258.

If a warning triangle symbol is shown for a suggested test plan (figure 1), the test plan should only be performed if it is related to a customer complaint (figure 2).

**Tip:**

The DTCs and symptom codes listed in this bulletin are not related to customer complaints.



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| | | | | | | |
|-----------------|--------|------|-----|-----------|-----------|-------------------|
| Control modules | Orders | DISS | TSB | Test plan | Operation | Special Functions |
|-----------------|--------|------|-----|-----------|-----------|-------------------|

Tests in current test plan









| Status | Tests (sorted according to chances of success) |
|---|--|
| >  | J533 - Data Bus on Board Diagnostic Interface, CAN bus (implausible message) |
| >  | CAN data bus, Jxxx <> J623, implausible signal |
| >  | Function restriction due to implausible signal |
| >  | J519 - implausible message |
| >  | Databus implausible message |
| >  | J527 - Steering Column Electronics Control Module, Checking data bus |
| >  | 0019 - VKMS activation |
| >  | J533 - Data Bus on Board Diagnostic Interface, Ethernet - control module, no communication |

Figure 1



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The screenshot shows a diagnostic software interface with a navigation bar at the top containing tabs: Control modules, Orders, DISS, TSB, Test plan, Operation, and Special Functions. Below the navigation bar is a section titled "Tests in current test plan". A list of tests is displayed, including "J533 - Data Bus on Board Diagnostic Interface, CAN bus (implausible message)", "CAN data bus, Jxxx <=> J623, implausible signal", and "Function restriction due to implausible signal". A dialog box titled "Unauthorized DTC memory entries" is overlaid on the interface, containing the text: "In this case, you must run a test program that has been entered into the test plan due to unauthorized DTC memory entries. Only run this test program if there is a customer concern. Would you like to run the program?" with "Yes" and "No" buttons. At the bottom of the interface, there are buttons for "Perform test..." and "Docume...".

Figure 2

Technical Background

The combinations of DTCs and symptom codes listed in this technical bulletin are irrelevant. They have no effect on any functions or electrical systems of the vehicle. They do not cause any customer concerns.

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Production Solution

Not applicable.

Service

In the diagnosis of a customer complaint, ignore any of the following DTCs in combination with the symptom codes listed. They can be erased, but may be logged again later.

**Tip:**

Only the combination of DTCs and symptom codes are important. Any variations in the wording of the DTC text descriptions given here compared to the ODIS tester or GFF log are not meaningful.

The following entry is logged in the brake electronics control unit (diagnosis address 0003):

- C124800: restricted function due to implausible signal, passive sporadic
- Symptom 20482

The following entry is logged in the control unit for the hybrid battery management (diagnosis address 008C):

- U163F00: Hybrid/High-voltage battery system no communication with application server, passive sporadic
- Symptom 42532

The following entry is logged in the air conditioning and heating electronics control unit (diagnosis address 0008):

- U046C00: Electrical A/C Compressor due to implausible signal, passive sporadic
- Symptom 16761964

The following entry is logged in the airbag control unit (diagnosis address 0015):

- U112100: data bus, missing message, passive sporadic
- Symptom 1078528

The following entries are logged in the data bus control unit (diagnosis address 0019):

- C1249F6: restricted function because of safety functions of charge management (mechanical), passive sporadic
- Symptom 8516406
- B131329 signal for brake light implausible signal passive sporadic

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- Symptom 918792
 - B1CA2F1 charging flap A, activation fault, locking mechanism - passive sporadic
 - Symptom 8516873
 - U111100 data bus, missing message, passive sporadic
 - Symptom 8471553
 - U112100 data bus, missing message - active static
 - Symptom 528917
 - U112100 parking coordinator restricted function due to missing message - passive sporadic
 - Symptom 8472065
 - U112300 received error value for data bus- passive sporadic
 - Symptom 8471814
 - U166100 application server 1 for system 1, adaptive internal fault, passive sporadic
 - Symptom 2498822
 - B163002: predictive route data signal error, active static
 - Symptom 9371914
 - B163002: predictive route data, signal error, passive sporadic
 - Symptom 9371915
 - U15FA00: EgoMaster fault, input data, passive sporadic
 - Symptom 8540417
 - U164300: Ethernet reversing camera control unit, no communication - active static
 - Symptom 2494569
 - U14FE00: safe onboard communication, signature check failed protection - active static
 - Symptom 8491266
 - U166200: application server 1 for system 2, Java internal fault, passive/sporadic
 - Symptom 2498823
 - P1DCB00 external charging infrastructure, no charging readiness, charging socket A - passive/sporadic
 - Symptom 8516869
 - U173E00 occupant detection system, restricted function because of implausible message - passive sporadic
 - Symptom 8511746

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- B114DF2 control unit for multi-function steering wheel faulty, active static
 - Symptom 1376305

The following entries are logged in the infotainment control unit (diagnosis address 005F):

- U111000 restricted function because of communication problem - passive sporadic
- Symptom 6967
- U111000 restricted function because of communication problem - passive sporadic
- Symptom 7223

The following entries are logged in the control unit for application server 1, system 1 adaptive (diagnosis address 8123):

- P1CB500: Plug and Charge communication fault with installation of vehicle certificate - active static
- Symptom 8495361
- P1CB600 Plug and Charge vehicle certificate installation failed - passive sporadic
- Symptom 8495362

The following entries are logged in the control unit for application server 1, system 1 adaptive (diagnosis address 8124):

- U175D00 Recovery Update needed via basic setting software fault - active static
- Symptom 479232
- U111100 restricted function because of missing message, active static
- Symptom 8603057

The following entry is logged in the control unit for application server 3, system 1 infotainment system (diagnosis address 8125):

- B13C9F2: multimedia system operating unit, on-off switch - active static/passive sporadic
- Symptom 5688

The following entries are logged in the software cluster embedded 1 control unit (diagnosis address C002):

- U14FF00 safe onboard communication, time server not available - passive sporadic
- Symptom 8491265
- U14FF00 safe onboard communication, signature check failed, passive sporadic
- Symptom 8491267



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- U167900 distance calculation faulty - passive sporadic
 - Symptom 8667137

Warranty

Information only.

Required Parts and Tools

No Special Parts required.

No Special Tools required.

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.