



01-24-01 - Irrelevant Diagnostic Trouble Codes (DTCs) Logged in Various Control Units

Release date: 3/12/2024

Condition

Applicable Vehicles						
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To	PR Code
ID.4	2021 – 2022	All	All	All	All	V6G or V6H

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2073307/1	3/12/2024	01-24-01	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).

**NOTICE**

**This technical bulletin applies to vehicles with a Data Bus On Board Diagnostic Interface -J533- (address 0019) with software part number 1EA.937.012.N and software version 0292.**

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

**NOTICE**

**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
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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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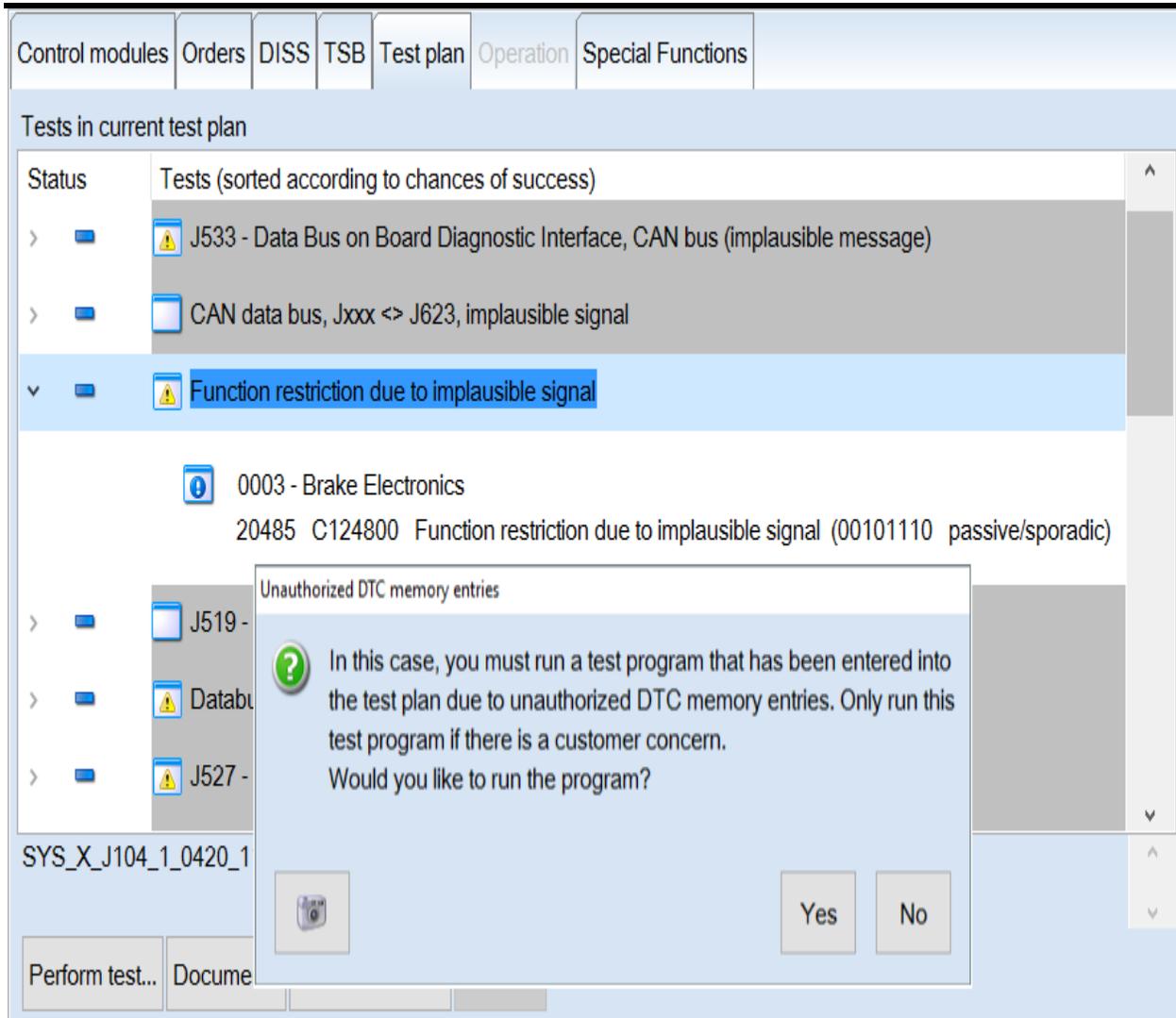


Figure 2

### 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.

### Production Solution

Not applicable.

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## 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.

 **NOTICE**

**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 engine control unit (diagnosis address 0001):

- U122900: front camera for driver assist systems implausible, passive sporadic
- Symptom 31949

The following entries are logged in the onboard supply control unit (diagnosis address 0009):

- B188101: emergency operation path, electric fault - active static
- Symptom 524556
- U14FE00: safe onboard communication, signature check failed - active static
- Symptom 15401216
- U14FF00: safe onboard communication, signature creation failed - active static
- Symptom 15401472

The following entry is logged in the adaptive cruise control control unit (diagnosis address 0013):

- U112300: received error value for data bus - passive sporadic
- Symptom 209171

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

- B163002: predictive route data signal error, active static
- Symptom 9371914
- B1CA2F1: charging flap A, activation fault, locking mechanism - active static
- Symptom 8516873
- B200000: control unit faulty, active/static
- Symptom 8556801

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- C1249F6: restricted function because of safety functions of charge management (mechanical), passive sporadic
    - Symptom 8516406
  - U029200: control unit 2 for electric drive, electric drive no communication - active static
    - Symptom 8398626
  - U105400: infotainment control unit 1, no communication - passive sporadic
    - Symptom 2244723
  - U112200: data bus, implausible message, passive sporadic
    - Symptom 8557314
  - U112300: received error value for data bus - passive sporadic
    - Symptom 8471814
  - U14FE00: safe onboard communication, signature check failed - active static
    - Symptom 8491266
  - U15FA00: EgoMaster fault, input data, passive sporadic
    - Symptom 8540417
  - U166300: Ethernet application server 3 for system 1 infotainment, no communication - passive sporadic
    - Symptom 2498824
  - U164200: Ethernet emergency call module, no communication - active static
    - Symptom 2502759
  - U164300: Ethernet reversing camera system control unit, no communication - passive sporadic
    - Symptom 2494569
  - P1CC300: external charging infrastructure malfunction - passive/sporadic
    - Symptom 8516354

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
- U111000: restricted function because of communication problem – passive sporadic
  - Symptom 7250

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- U174500: reversing camera control unit, Ethernet data bus, implausible signal – passive sporadic
    - Symptom 6725
  - C10DDF5: diagnosis interface for data bus, no speed information - passive sporadic
    - Symptom 16777133

The following entries are logged in the reversing camera control unit (diagnosis address 006C):

- C135B01: line for video signal to display, electric fault, passive sporadic
  - Symptom 282656
- U112100: data bus, missing message, passive sporadic
  - Symptom 13705529

The following entry is logged in the emergency call module control unit (diagnosis address 0075):

- U14FE00: Safe onboard communication, signature check failed, passive sporadic
  - Symptom 1375744

The following entry is logged in the head-up display control unit (diagnosis address 0082):

- B1B68F0: control unit for head-up display, display malfunction - passive sporadic
  - Symptom 12255234

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

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

The following entry is logged in the front camera for driver assist systems control unit (diagnosis address 00A5):

- U112100: data bus, missing message - active static
  - Symptom 1124659

The following entry is logged in the rear driver side door control unit (diagnosis address 00BB):

- U101300: control unit not coded - active static
  - Symptom 196632

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The following entry is logged in the actuator for engine sound generator control unit (diagnosis address 00C0):

- U112300: data bus, received error value, active/static
- Symptom 4194347

The following entries are logged in the high voltage battery charger control unit (diagnosis address 00C6):

- B1AD0F0: charging station recognition faulty, passive sporadic
- Symptom 3280897
- U14FE00: Safe onboard communication, signature check failed, passive sporadic
- Symptom 5242881

The following entries are logged in the aerial module control unit (diagnosis address 8107):

- U138F00: failure of clock synchronisation - passive sporadic
- Symptom 1281792
- U14FD00: safe onboard communication, time server not available - passive sporadic
- Symptom 1375488
- U14FE00: Safe onboard communication, signature check failed, passive sporadic
- Symptom 1375744
- U154000: Ethernet data bus - missing message from emergency call module - active static
- Symptom 82
- U153F00: data transmission of Car2X certification update failed - active static
- Symptom 96

The following entry is 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

The following entry is logged in the control unit for application server 1, system 2, Java (diagnosis address 8124):

- U175D00: Recovery Update needed via basic setting software fault - active static
- Symptom 479232

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

- B10CD00: restricted function because of energy management - passive sporadic
  - Symptom 21
- B13C9F2: multimedia system operating unit, on-off switch - active static/passive sporadic
  - Symptom 5688
- U111000: restricted function because of communication problem – passive sporadic
  - Symptom 7009
  - Symptom 7265
- U111100: restricted function due to missing message - passive sporadic
  - Symptom 7178

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

- U14FF00: safe onboard communication, signature creation failed - active static
  - Symptom 8491267

## Warranty

Information only.

## Required Parts and Tools

No Special Parts required.

Tool Description	Tool No:
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X with ODIS Service with current online updates GFF version 2.47.6 or higher

## 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.