



01-24-02 - Irrelevant Diagnostic Trouble Codes (DTCs) Logged in Various Control Units

Release date: 4/25/2024

Condition

Applicable Vehicles						
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To	PR Number(s)
ID.4	2024	All	All	All	All	J9D and V7B

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2073355/2	4/25/24	01-24-02	Updated to correct "Published Date" in bulletin text.
2073355/1	3/28/22	01-24-02	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).

CAUTION

This technical bulletin applies only to vehicles with a Data Bus On Board Diagnostic Interface - J533- (address 19) with software part number 1EE.937.012.D and software version 0411.

CAUTION

This technical bulletin applies specifically to model code E81* ID.4 assembled in Chattanooga.

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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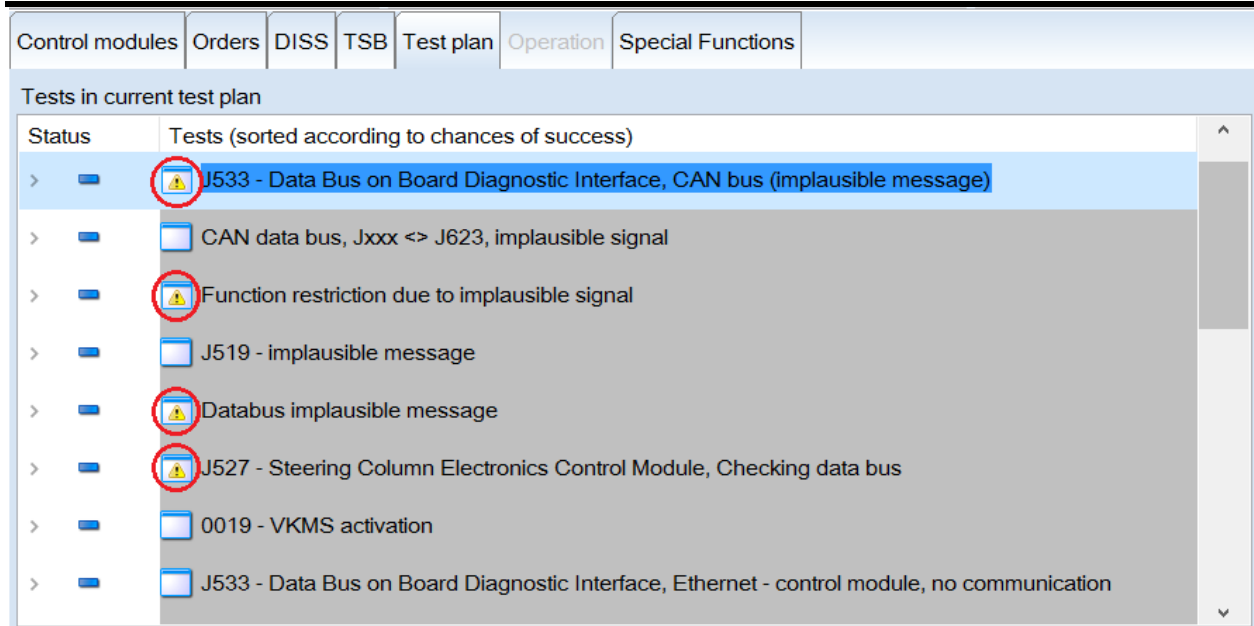


Figure 1

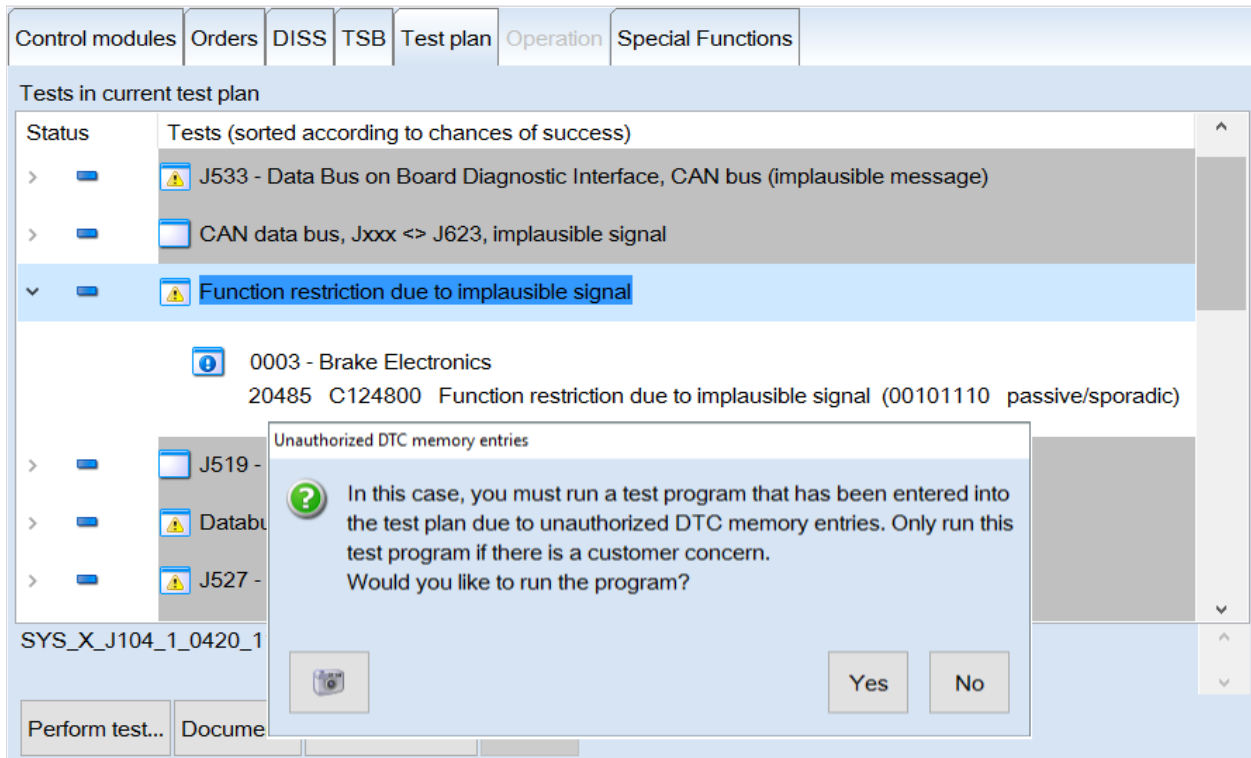


Figure 2

**01-24-02 - Irrelevant Diagnostic Trouble Codes (DTCs) Logged in Various Control Units**

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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.

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 Powertrain Control Module (diagnosis address 0001)

- P164700: Checking coding/versions of in powertrain, Active/Static
— Symptom 44181
- U014000: Lost Communication With Body Control Module, Passive/Sporadic
— Symptom 46740

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

- B2F0100: Development code 1, Passive/Sporadic
— Symptom 593168
- C100C01: Electro-mechanical parking brake button electrical error, Passive/Sporadic
— Symptom 262288
- C114602: Tire Pressure Monitoring System (TPMS) Signal malfunction, Active/Static or Passive/Sporadic
— Symptom 16390
- C1246F5: Electromechanical parking brake Test bench mode active, Active/Static or Passive/Sporadic
— Symptom 393469

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- C1254F0: Comfort System Central Control Module Implausible brake light signal, Passive/Sporadic
— Symptom 9478148
 - U015900: Lost Communication With Parking Assist Control Module "A", Passive/Sporadic
— Symptom 70000
 - U040100: Invalid Data Received From ECM/PCM "A", Passive/Sporadic
— Symptom 73969
 - U042000: Invalid Data Received From Power Steering Control Module, Passive/Sporadic
— Symptom 73856
 - U042200: Invalid Data Received From Body Control Module, Active/Static or Passive/Sporadic
— Symptom 5249594
 - U044700: Invalid Data Received From Serial Data Gateway Module "A", Active/Static or Passive/Sporadic
— Symptom 9478182
 - U104C00: Rearview camera system control module no communication, Passive/Sporadic
— Symptom 70032
 - U104D00: Rearview camera system control module implausible signal, Passive/Sporadic
— Symptom 73968
 - U14D900: Data Bus On Board Diagnostic Interface Control Module Missing message, Active/Static or Passive/Sporadic
— Symptom 9478181
 - U300100: Control Module Improper Shutdown, Passive/Sporadic
— Symptom 393392
 - U303400: Communication Authentication Key/Certificate Missing/Invalid, Passive/Sporadic
— Symptom 592416

The following entry is logged in the climate control module (diagnosis address 0008)

- B14CC31: Left seat cushion fan 2 No signal, Active/Static
— Symptom 5245444
- B14D031: Right seat cushion fan 2 No signal, Active/Static
— Symptom 5246468

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- B201000: no basic setting, Passive/Sporadic
— Symptom 65543
 - U014600: Lost Communication With Serial Data Gateway Module ""A"", Passive/Sporadic
— Symptom 524091
 - U014600: Lost Communication With Serial Data Gateway Module ""A"", Passive/Sporadic
— Symptom 524112

The following entry is logged in the Electronic Central Electric (diagnosis address 0009)

- U112100: Databus missing message, Passive/Sporadic
— Symptom 8667507
- U14FF00: Secure Onboard Communication Signature creation failed, Passive/Sporadic
— Symptom 15401472

The following entries are logged in the adaptive cruise control control unit (diagnosis address 0013)

- U112200: Databus implausible message, Active/Static
— Symptom 415

The following entry is logged in the Data Bus OBD Interface (diagnosis address 0019)

- B131D29: Sirens / alarm horn for anti-theft warning system Range/Performance, Passive/Sporadic
— Symptom 267032
 - B163002: predictive route data Signal malfunction, Active/Static or Passive/Sporadic
— Symptom 9371914
 - B163002: predictive route data Signal malfunction, Passive/Sporadic
— Symptom 9371915
 - B1802F1: NV-Energy management Alarm triggered, Passive/Sporadic
— Symptom 8397571
 - B1AF9F0: HV coordinator Charging not initiated, Passive/Sporadic
— Symptom 8516368
 - P0CF400: Control Pilot Circuit Range/Performance, Passive/Sporadic
— Symptom 8515664
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- P1BFE00: Expanded charging functions Sequence control fault, expanded charging functions, Passive/Sporadic
— Symptom 8516608
 - P1BFF00: Expanded charging functions Charging requirement expanded charging functions failed, Passive/Sporadic
— Symptom 8516609
 - P1CC300: External charging infrastructure Malfunction, Passive/Sporadic
— Symptom 8516354
 - P1DCB00: External charging infrastructure No charge readiness for charging socket A, Passive/Sporadic
— Symptom 8516869
 - P1DD400: Charging socket B Status of connector locking mechanism faulty, Active/Static
— Symptom 8516882
 - P1DD500: Charge socket A Activation error of connector locking mechanism, Passive/Sporadic
— Symptom 8516883
 - P1DD500: Charge socket A Activation error of connector locking mechanism, Passive/Sporadic
— Symptom 8516885
 - U029200: Lost Communication With Drive Motor Control Module "B", Passive/Sporadic
— Symptom 8398626
 - U104C00: Rearview camera system control module no communication, Passive/Sporadic
— Symptom 2269289
 - U10DB00: Local data bus 3 electrical error, Passive/Sporadic
— Symptom 1048915
 - U10DC00: Local data bus 4 electrical error, Passive/Sporadic
— Symptom 1048916
 - U112100: Databus missing message, Passive/Sporadic
— Symptom 528917
 - U112100: Databus missing message, Passive/Sporadic
— Symptom 540677
 - U112300: Databus error value received, Passive/Sporadic
— Symptom 8471814

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- U141100: Battery terminal recognition Open circuit, Passive/Sporadic
— Symptom 8397570
 - U14FE00: Secure Onboard Communication Signature inspection failed, Active/Static or Passive/Sporadic
— Symptom 8491266
 - U150100: Local data bus 6 electrical error, Passive/Sporadic
— Symptom 1048918
 - U15E800: Real-time clock incorrect memory access, Passive/Sporadic
— Symptom 8557057
 - U15FA00: EgoMaster Input data error, Passive/Sporadic
— Symptom 8540417
 - U160800: Battery Monitoring Control Module implausible message, Active/Static
— Symptom 1376311
 - U164200: Ethernet Emergency Call Module no communication, Passive/Sporadic
— Symptom 2502759
 - U164600: Ethernet antenna module no communication, Passive/Sporadic
— Symptom 2502842
 - U166300: Ethernet Application server 3 for system 1 infotainment no communication, Passive/Sporadic
— Symptom 2498824
 - U167900: Mileage Calculation faulty, Passive/Sporadic
— Symptom 8667137
 - U173E00: Occupant detection Function restriction due to implausible message, Passive/Sporadic
— Symptom 8511745
- The following entry is logged in the Lane change assistance (diagnosis address 003C)
- U112100: Databus missing message, Passive/Sporadic
— Symptom 2236439
 - U112300: Databus error value received, Passive/Sporadic
— Symptom 2236437
 - U112300: Databus error value received, Passive/Sporadic
— Symptom 2240584
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The following entry is logged in the Driver's door electronics (diagnosis address 0042)

- U112100: Databus missing message, Passive/Sporadic
- Symptom 524317

The following entry is logged in the Electric Drive (diagnosis address 0051)

- P261000: ECM/PCM Internal Engine Off Timer Performance, Passive/Sporadic
- Symptom 42807
- U010000: Lost Communication with ECM/PCM, Passive/Sporadic
- Symptom 41665
- U012200: Lost Communication With Vehicle Dynamics Control Module, Passive/Sporadic
- Symptom 41631
- U041600: Invalid Data Received From Vehicle Dynamics Control Module, Passive/Sporadic
- Symptom 41656
- U192A00: Online Remote Update No signal, Passive/Sporadic
- Symptom 43408
- U300100: Control Module Improper Shutdown, Passive/Sporadic
- Symptom 42096

The following entry is logged in the Passenger's door electronics (diagnosis address 0052)

- U112100: Databus missing message, Passive/Sporadic
- Symptom 524317

The following entry is logged in the Information Electronics 1 (diagnosis address 005F)

- U174500: Rearview camera system control module Ethernet data bus implausible signal, Passive/Sporadic
- Symptom 6725

The following entry is logged in the Emergency call module and communication unit (OCU 4) (diagnosis address 0075)

- U138F00: Failure of clock synchronization, Passive/Sporadic
 - Symptom 1281792
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The following entry is logged in the Parking aid (diagnosis address 0076)

- B1B1706: Parking Aid Control Module Software error, Passive/Sporadic
— Symptom 13640965
- U110F00: (Sub) function cannot be performed, Passive/Sporadic
— Symptom 12587099
- U110F00: (Sub) function cannot be performed, Passive/Sporadic
— Symptom 12587177

The following entries are logged in the vehicle display unit control unit (diagnosis address 007E):

- B13B901: Video wire for information electronics 1 electrical error, Passive/Sporadic
— Symptom 9582602

The following entry is logged in the Hybrid battery management (diagnosis address 008C)

- U163F00: Hybrid/High-voltage battery system no communication with application server, Passive/Sporadic
— Symptom 42860

The following entry is logged in the Front sensor for drivers assistant systems (diagnosis address 00A5)

- U112100: Databus missing message, Passive/Sporadic
— Symptom 1124450
- U112100: Databus missing message, Passive/Sporadic
— Symptom 1124451
- U112100: Databus missing message, Passive/Sporadic
— Symptom 1124452
- U112100: Databus missing message, Passive/Sporadic
— Symptom 1124453

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- U112100: Databus missing message, Passive/Sporadic
— Symptom 1124454
 - U112100: Databus missing message, Passive/Sporadic
— Symptom 1124482
 - U112100: Databus missing message, Passive/Sporadic
— Symptom 1124485
 - U112100: Databus missing message, Passive/Sporadic
— Symptom 1124659
 - U112100: Databus missing message, Passive/Sporadic
— Symptom 1126502
 - U112300: Databus error value received, Passive/Sporadic
— Symptom 1124497
 - U112300: Databus error value received, Passive/Sporadic
— Symptom 1124684

The following entry is logged in the Rear drivers side door electronics (diagnosis address 00BB)

- U112200: Databus implausible message, Passive/Sporadic
— Symptom 524318

The following entry is logged in the Rear passenger side door electronics (diagnosis address 00BC)

- U112200: Databus implausible message, Passive/Sporadic
— Symptom 524318

The following entry is logged in the High-voltage battery charger (diagnosis address 00C6)

- B1802F1: NV-Energy management Alarm triggered, Passive/Sporadic
— Symptom 401419
- B1802F1: NV-Energy management Alarm triggered, Passive/Sporadic
— Symptom 401437
- B1802F1: NV-Energy management Alarm triggered, Passive/Sporadic
— Symptom 401459

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- B193D21: Intermediate circuit voltage, voltage sensor lower limit not reached, Passive/Sporadic
— Symptom 397343
 - B1D7B21: Intermediate circuit voltage, voltage sensor 2 lower limit not reached, Passive/Sporadic
— Symptom 397351
 - P0A9500: High Voltage Fuse, Passive/Sporadic
— Symptom 401501
 - P195C00: Intermediate circuit voltage warning, Passive/Sporadic
— Symptom 397376
 - P1A0800: Charging unit 1 Fuse faulty, Passive/Sporadic

— Symptom 397395
 - P1A0F00: Charging unit 2 Fuse faulty, Passive/Sporadic
— Symptom 397396
 - P1A1600: Charging unit 3 Fuse faulty, Passive/Sporadic
— Symptom 397397
 - P1D6D00: Battery charger, charging module 3 Malfunction, Passive/Sporadic
— Symptom 397341
 - P1D6E00: Battery charger, charging module 1, Malfunction, Passive/Sporadic
— Symptom 397331
 - P1D6F00: Battery charger, charging module 2 Malfunction, Passive/Sporadic
— Symptom 397336
 - U044700: Invalid Data Received From Serial Data Gateway Module ""A"", Passive/Sporadic
— Symptom 143361
 - U114800: High-voltage battery charging management no communication, Passive/Sporadic
— Symptom 135175
 - U114800: High-voltage battery charging management no communication, Passive/Sporadic
— Symptom 135177
 - U114800: High-voltage battery charging management no communication, Passive/Sporadic
— Symptom 151563
 - U114800: High-voltage battery charging management no communication, Passive/Sporadic
— Symptom 151564
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- U17C000: Data Bus OBD Interface no communication, Passive/Sporadic
— Symptom 135181
 - U195500: High-voltage central box warning active, Passive/Sporadic
— Symptom 397386
 - U195500: High-voltage central box warning active, Passive/Sporadic
— Symptom 397387
 - U195500: High-voltage central box warning active, Passive/Sporadic
— Symptom 397388
 - U303500: Communication Authentication Signal Invalid Data, Passive/Sporadic
— Symptom 851969

The following entry is logged in the Electric Drive 2 (diagnosis address 00CE)

- U14FE00: Secure Onboard Communication Signature inspection failed, Active/Static
— Symptom 42815
- U192A00: Online Remote Update No signal, Active/Static
— Symptom 43400

The following entry is logged in the Application server 1 system 1 adaptive (diagnosis address 8123)

- U112100: Databus missing message, Passive/Sporadic
— Symptom 8638721
- U112100: Databus missing message, Passive/Sporadic
— Symptom 8638723
- U112100: Databus missing message, Passive/Sporadic
— Symptom 8638724

The following entry is logged in the Application server 1 system 2 Java (diagnosis address 8124)

- U111000: Function restriction due to communication interruption, Passive/Sporadic
— Symptom 8790017
- U111100: Function restriction due to missing message, Active/Static
— Symptom 8603057

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- U175D00: Software error Recovery update via basic setting required, Active/Static
— Symptom 479232

The following entry is logged in the Application server 3 system 1 infotainment (diagnosis address 8125)

- U111000: Function restriction due to communication interruption, Passive/Sporadic
— Symptom 6972
- U111000: Function restriction due to communication interruption, Passive/Sporadic
— Symptom 7265
- U14FE00: Secure Onboard Communication Signature inspection failed, Active/Static
— Symptom 8209
- U19CB00: Augmented reality head-up display Function restriction, Active/Static or Passive/Sporadic
— Symptom 6196

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

- U14FF00: Secure Onboard Communication Signature creation failed, Passive/Sporadic
— Symptom 8491267
- U15E900: Expanded charging functions Charging plan programming error, Passive/Sporadic
— Symptom 8516625
- U15EB00: Expanded charging functions Energy requirement determination battery management system counter error, Active/Static
— Symptom 8516632

Warranty

Information only.



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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 2.49.8 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.