

Offboard Diagnostic Information System

Diagnostic protocol(Long)

08.04.2021 12:25

XML_to_HTML_Main.xml Version: 5.61.0 from 08.01.2019

General information

Order number: ---

Protocol type: Guided fault finding
Protocol status: Intermediate protocol

Workshop information

Serial number of diagnostic tester:
Hardware platform:
Operating system:
VCI type:
VCI connecting type:
Communication path:
Importer number:
Dealer/dealership number:
Dealership identifier:

9c2f1fc024dcfc6023256bf0f1b605c7
STD PC (Hewlett-Packard / HPPProBook450G1)
Windows 7
VAS 5054 (094106085)
Bluetooth
CAN/K-line
771
00102

Status of contract:

(manual input)
Authorised dealer

Software versions:

Offboard Diagnostic Information System Service:
Main feature:
More:

Offboard Diagnostic Information System Service Patch 5.2.7
99.0.190

Vehicle:

Brand:
Type:
Model year:
Variant:
Engine code:
Vehicle identification number (automatic):
Vehicle identification number (manual):
Mileage (km):
ASAM project name
ASAM project version

Audi
Audi Q3 2019>
2020_L
SUV
CZDA 1.4I TFSI/110kW
WAUZZZF30L1107533
WAUZZZF30L1107533
3123
AU37X
1110.2.423

SLB 1656Z

Diagnostic session

Start of diagnosis:

08.04.2021 12:22

Time required (TU): 16

End of diagnosis:

08.04.2021 12:25

Mouse clicks Diagnostic session/Diagnostic start-up/Diagnostic exit/Function tests: 16 /12 /0 /5
Keyboard entries Diagnostic session/Diagnostic start-up/Diagnostic exit/Function tests: 29 /29 /0 /15

Diagnostic data used:

GFF DIBB brand: A
GFF DIBB version: 2020.06.01
GFF DIBB language: en_GB
GFF technical version: 2.20.6
Base DIBB version: 2020.4.20.AutoGenerated
Base DIBB language: en_GB
DTC_Exclusion Version: 184.0.0
DTC_Factors version: 1.1.0

Global variables:

Error messages outside guided fault finding:

Source details for the diagnostic entry data:

Initial system test with fault memory entries

Address: 0020 System name: ??? Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0001 System name: 0001 - Engine Electronics Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0002 System name: 0002 - Gearbox electronics (6-speed 0D9) Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0042 System name: 0042 - Driver's Door Electronics Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0052 System name: 0052 - Passenger door electronics Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0003 System name: 0003 - Brake Electronics Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0013 System name: 0013 - Adaptive cruise control Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0044 System name: 0044 - Power steering (right-hand drive/progressive steering) Protocol variant: UDS/ISOTP (Ereignisse: 2)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0015 System name: 0015 - Airbag Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0076 System name: 0076 - Parking Aid Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 00D6 System name: 00D6 - Light control left 2 (LED) Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0017 System name: 0017 - Dash panel insert Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 00B7 System name: 00B7 - Entry and start system control unit Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0008 System name: 0008 - AC/heating electronics functions (automatic control) Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0009 System name: 0009 - Electronic central electronics (BCM) Protocol variant: UDS/ISOTP (Ereignisse: 4)

Identification:

Event memory entries (Data source: Vehicle):

Entry in fault memory

Number:

Fault type 2:

Symptom:

Status:

U101100: Supply voltage voltage too low
passive/sporadic
131330
00001000

Standard ambient conditions:

Date:

Time:

07/04/21
00:01:54

Mileage (DTC): 3123
Priority: 4
Frequency counter: 1
Unlearning counter / driving cycle: 22

Extended ambient conditions:

Entry in fault memory

Number: U112300: Databus error value received
Fault type 2: active/static
Symptom: 541204
Status: 00001001

Standard ambient conditions:

Date: 05/04/21
Time: 08:53:59
Mileage (DTC): 3123
Priority: 6
Frequency counter: 2
Unlearning counter / driving cycle: 237

Extended ambient conditions:

Entry in fault memory

Number: U112300: Databus error value received
Fault type 2: passive/sporadic
Symptom: 568342
Status: 00001000

Standard ambient conditions:

Date: 05/04/21
Time: 11:11:26
Mileage (DTC): 3123
Priority: 6
Frequency counter: 1
Unlearning counter / driving cycle: 22

Extended ambient conditions:

Entry in fault memory

Number: U112100: Databus missing message
Fault type 2: active/static
Symptom: 576516
Status: 00001001

Standard ambient conditions:

Date: 05/04/21
Time: 08:53:57
Mileage (DTC): 3123
Priority: 6
Frequency counter: 3
Unlearning counter / driving cycle: 237

Extended ambient conditions:

Address: 0019 System name: 0019 - Data bus diagnostic interface Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 004B System name: 004B - Multifunction module Protocol variant: UDS/ISOTP (Ereignisse: 5)

Identification:

Event memory entries (Data source: Vehicle):

Entry in fault memory

Number: U12EA00: Data bus front light Single wire mode
Fault type 2: passive/sporadic
Symptom: 21
Status: 00001000

Standard ambient conditions:

Date: 05/04/21
Time: 15:55:06
Mileage (DTC): 3123
Priority: 2
Frequency counter: 2
Unlearning counter / driving cycle: 22

Extended ambient conditions:

Entry in fault memory

Number: U117100: Right LED Headlamp Power Output Stage no
Fault type 2: communication
active/static

Additional system tests with fault memory entries

No system tests available.

Work steps performed

Test plans

Test plan 1

SYS_F3_J533_X_7_0418_21_allgUnterspgr_00021

Evaluation factor: 50.1

Error list:

Control unit address

0042

0052

00BB

00BC

00B7

0013

0009

SYS_X_J745_1_0916_21_Kommunikation_00000

Evaluation factor: 50.1

Error list:

Control unit address

004B

004B

004B

004B

J928_4M_X_1_1015_21_Videoverb_zu_Kameras_00021

Error list:

Control unit address

006C

J500_8V_XXXX_1_1111_21_SPG_Funktionseinschraenk_00021

Error list:

Control unit address

0044

0044

R243_4M_1_1114_21_vorn_00021

Error list:

Control unit address

006C

J533_8V_X_2_0811_21_fkteinschrkg_00021

Error list:

Control unit address

0009

G805_8V_XXXX_1_0911_21_00021

Error list:

Control unit address

0008

CAN_XX_XXXX_1_0812_21_datenbus_fehler_BCM_00021

Error list:

Control unit address

0009

0009

CAN_F3_J533_1_0618_21_empf_Fehlerwert_00000

Error list:

Control unit address

004B

Error

U101100: Supply voltage voltage too low

U101100: Supply voltage voltage too low

U101100: Supply voltage voltage too low

U101100: Supply voltage voltage too low

U101100: Supply voltage voltage too low

U140000: Function restriction Function restriction due to low voltage

U101100: Supply voltage voltage too low

Evaluation factor: 50.1

Error

U116F00: Right light control module no communication

U117100: Right LED Headlamp Power Output Stage no communication

U117100: Right LED Headlamp Power Output Stage no communication

U12EA00: Data bus front light Single wire mode

Evaluation factor: 50.0

Error

B127801: Wire for video signal from front camera electrical error

Evaluation factor: 50.0

Error

U101100: Supply voltage voltage too low

U101100: Supply voltage voltage too low

Evaluation factor: 50.0

Error

B186201: Voltage supply for front camera electrical error

Evaluation factor: 20.0

Error

U112100: Databus missing message

Evaluation factor: 10.1

Error

B10ABF0: Refrigerant pressure lower limit not reached

Evaluation factor: 10.0

Error

U112300: Databus error value received

U112300: Databus error value received

Evaluation factor: 10.0

Error

U112300: Databus error value received

Function tests

Function test 1: ID19_F3_XXXX_1_1017_21_00021

Time required (TU): 0.6
08.04.2021 12:24:09.233 - 08.04.2021 12:24:45.844
Mouse clicks: 0
Keyboard entries: 15

Result: ?

Function test 2: SYS_F3_1_1217_21_Hauptprogramm_Startmodul_00021

Time required (TU): 3.0
08.04.2021 12:24:57.870 - 08.04.2021 12:25:16.285
Mouse clicks: 0
Keyboard entries: 0

Result: OK

Background checks

Background check 1: SYS_X_1_0818_21_IUPR_Datenerfassung_00000

Time required (TU): 0.0
08.04.2021 12:24:57.902 - 08.04.2021 12:25:21.102
Mouse clicks: 0
Keyboard entries: 0

Result: OK