

Offboard Diagnostic Information System

Diagnostic protocol(Long)

23.01.2020 12:31

XML_to_HTML_Main.xsl Version: 5.60.0 from 25.04.2018

General information

Order number: ---

Protocol type: Guided fault finding
Protocol status: Intermediate protocol

Workshop information

Serial number of diagnostic tester: 9c2f1fc024dcfc6023256bf0f1b605c7
 Hardware platform: STD PC (Hewlett-Packard / HPProBook450G1)
 Operating system: Windows 7
 VCI type: VAS 5054 (094106074)
 VCI connecting type: Bluetooth
 Communication path: CAN/K-line
 Importer number: 771
 Dealer/dealership number: 00102
 Dealership identifier: (manual input)
 Status of contract: Authorised dealer

Software versions:

Offboard Diagnostic Information System Service: Offboard Diagnostic Information System Service Patch 5.1.6
 Main feature: 89.5.500
 More:

Vehicle:

Brand: Audi
 Type: Audi A6 2011>
 Model year: 2018 (J)
 Variant: Saloon
 Engine code: CYGA 1.8l TFSI / 140 kW
 Vehicle identification number (automatic): WAUZZZ4G3JN036761
 Vehicle identification number (manual): WAUZZZ4G3JN036761
 Mileage (km): 25713
 ASAM project name: AU57X
 ASAM project version: 1110.2.458

Diagnostic session

Start of diagnosis: 23.01.2020 12:22 Time required (TU): 17
End of diagnosis: 23.01.2020 12:31

Mouse clicks Diagnostic session/Diagnostic start-up/Diagnostic exit/Function tests: 23 /13 /0 /4
 Keyboard entries Diagnostic session/Diagnostic start-up/Diagnostic exit/Function tests: 42 /42 /0 /0

Diagnostic data used:

GFF DIDB brand: A
 GFF DIDB version: 2020.01.00
 GFF DIDB language: en_GB
 GFF technical version: 2.19.8
 Base DIDB version: 2019.12.10.AutoGenerated
 Base DIDB language: en_GB
 DTC_Exclusion Version: 163.0.0

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: 20 - Main beam assist Protocol variant: KWP2000/TP20 (Ereignisse: 0)

Identification:

Address: 0090 System name: 90 - Belt tensioner right Protocol variant: UDS/ISOTP (Ereignisse: 2)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0001 System name: 01 - Engine electronics (UDS) Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0002 System name: 02 - Gearbox electronics (0CK/0CL S tronic) Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0042 System name: 42 - Door electronics, driver side Protocol variant: KWP2000/TP20 (Ereignisse: 0)

Identification:

Address: 0052 System name: 52 - Door electronics, passenger side Protocol variant: KWP2000/TP20 (Ereignisse: 0)

Identification:

Address: 0062 System name: 62 - Door electronics, rear left Protocol variant: KWP2000/TP20 (Ereignisse: 0)

Identification:

Address: 0072 System name: 72 - Door electronics, rear right Protocol variant: KWP2000/TP20 (Ereignisse: 0)

Identification:

Address: 0003 System name: 03 - ESP Premium Protocol variant: UDS/ISOTP (Ereignisse: 2)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0053 System name: 53 - Parking brake Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0044 System name: 44 - Power steering Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0005 System name: 05 - Drive authorisation system Protocol variant: KWP2000/TP20 (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0015 System name: 15 - Airbag Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0085 System name: 85 - Camera control unit Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0016 System name: 16 - Steering wheel electronics Protocol variant: KWP2000/TP20 (Ereignisse: 0)

Identification:

Address: 0036 System name: 36 - Seat adjustment, driver side Protocol variant: KWP2000/TP20 (Ereignisse: 0)

Identification:

Address: 0046 System name: 46 - Convenience system central module Protocol variant: KWP2000/TP20 (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0017 System name: 17 - Dash panel insert Protocol variant: UDS/ISOTP (Ereignisse: 2)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0008 System name: 08 - AC/heating electronics, convenience Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0028 System name: 28 - AC operating unit rear Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0009 System name: 09 - Vehicle elec.sys.with headl.range control, parking aid Protocol variant: KWP2000/TP20 (Ereignisse: 6)

Identification:

Data source:	Vehicle
Hardware part number:	4H0907063AH
Part number:	4H0907063GH
Hardware version number:	H20
Software version number:	0368
Production date:	01.09.2017
Code:	01 05 C0 14 40 34 9F E2 C1 01 40 80 80 00 18 [...]
Code:	0105C01440349FE2C101408080001 800CF9DC3082F08020100000894E1 0114020040003D030000
Flash capability:	flashable
System designation:	BCM1 2.0
Version of the target data container:	0033
Equipment code:	6E9F078954475D50

Event memory entries (Data source: Vehicle):

Entry in fault memory

Number:	VAG02897: Supply for Right LED Parking Lamp/DRL Module
Fault type 1:	Electrical error in circuit
Fault type 2:	Intermittent

Standard ambient conditions:

Entry in fault memory

Number:	VAG02069: Front park assist sensors
Fault type 1:	Open circuit
Fault type 2:	Intermittent

Standard ambient conditions:

Entry in fault memory

Number:	VAG02895: Supply for Left LED Parking Lamp/DRL Module
Fault type 1:	Electrical error in circuit
Fault type 2:	Intermittent

Standard ambient conditions:**Entry in fault memory**

Number:

Fault type 1:

Fault type 2:

VAG01319: Control module for distance control

No signal/communication

Intermittent

Standard ambient conditions:**Entry in fault memory**

Number:

Fault type 2:

VAG03455: Function limitation due to received malfunction value

Intermittent

Standard ambient conditions:**Entry in fault memory**

Number:

Fault type 1:

Fault type 2:

VAG04008: Voltage supply for front parking aid sensor

Open circuit/short circuit to ground

Intermittent

Standard ambient conditions:**Address: 0019 System name: 19 - Data bus diagnostic interface Protocol variant: UDS/ISOTP (Ereignisse: 3)****Identification:****Event memory entries** (Data source: Vehicle):**Address: 003B System name: 3B - Sensor electronics Gen. 2 Protocol variant: UDS/ISOTP (Ereignisse: 0)****Identification:****Address: 003C System name: 3C - Lane change assistant (UDS) Protocol variant: UDS/ISOTP (Ereignisse: 0)****Identification:****Address: 006C System name: 6C - Rear-view camera system (UDS) Protocol variant: UDS/ISOTP (Ereignisse: 0)****Identification:****Address: 006D System name: 6D - Tailgate electronics Protocol variant: UDS/ISOTP (Ereignisse: 0)****Identification:****Address: 005F System name: 5F - Information electronics 1 (MIB) Protocol variant: UDS/ISOTP (Ereignisse: 2)****Identification:****Event memory entries** (Data source: Vehicle):**Address: 008F System name: 8F - Belt tensioner left Protocol variant: UDS/ISOTP (Ereignisse: 2)****Identification:****Event memory entries** (Data source: Vehicle):**Additional system tests with fault memory entries**

No system tests available.

Work steps performed**Test plans****Test plan 1**

KD5708_4H_57____1_1108_21_Grenzwert_IDG1_00021

Error list:

Control unit address

0005

Error

VAG00955: Key 1

G395_4G_87____1_1109_21_00021

Error list:

Control unit address

0008

Error

B10C221: Sensor for refrigerant pressure and temperature Lower limit not reached

L176_4H_94____1_0213_21_PA_00021

Error list:

Control unit address

0009

Error

VAG02895: Supply for Left LED Parking Lamp/DRL Module

L177_4H_94____1_0213_21_PA_00021

Error list:

Control unit address

0009

Error

VAG02897: Supply for Right LED Parking Lamp/DRL Module

G203_8T_94____1_0611_21_Spannungsversorgung_Geber_00021

Error list:

Control unit address

0009

Error

VAG04008: Voltage supply for front parking aid sensor

G252_8T_94____1_0611_21_Stecker_00021

Error list:

Control unit address

0009

Error

VAG02069: Front park assist sensors

J533_4H_90____2_0309_fkteinschrkg_00021

Error list:

Control unit address

0090

0090

008F

008F

0003

0003

0053

0017

0017

0085

0009

Error

U111100: Function limitation due to missing message

U111100: Function limitation due to missing message

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U111100: Function limitation due to missing message

U111100: Function limitation due to missing message

VAG03455: Function limitation due to received malfunction value

SYS_4G_J533____2_0310_21_komfort_gen_00021

Error list:

Control unit address

0015

Error

U112100: Databus missing message

SIG_4H_J533_Jxxx_X_3_0509_21_2tln_00021

Error list:

Control unit address

0046

0019

0019

0009

Error

VAG01319: Control module for distance control

U023500: Lost Communication With Cruise Control Front Distance

Range Sensor

U107100: Automatic distance regulation 2 No communication

VAG01319: Control module for distance control

SYS_4G_J533_X_5_0310_21_ant_gen_00021

Error list:

Control unit address

0001

0015

Error

U023500: Lost Communication With Cruise Control Front Distance

Range Sensor

U112100: Databus missing message

J533_4H_27____8_0509_21_ruhestrom_00021

Error list:

Control unit address

0019

Error

U140600: Static current too high

SYS_8V_J794_XXXX_1_1211_21_MIB_fehlende_Botschaft_00021

Error list:

Control unit address

005F

005F

Error

U111100: Function limitation due to missing message

U111100: Function limitation due to missing message

L176_4G_94____1_0310_21_Versorgung_00021

Error list:

Control unit address

0009

Error

VAG02895: Supply for Left LED Parking Lamp/DRL Module

L177_4G_94____1_0310_21_Versorgung_00021

Error list:

Control unit address

0009

Error

VAG02897: Supply for Right LED Parking Lamp/DRL Module

Function tests

Function test 1: ID19_4G_CGXB_2_1116_21_00021

Result: ?

Time required (TU): 1.7
23.01.2020 12:25:15,672 - 23.01.2020 12:26:04,171
Mouse clicks: 1
Keyboard entries: 0

Function test 2: SYS_4G_1_0912_21_Hauptprogramm_Startmodul_00021

Result: OK

Time required (TU): 2.8
23.01.2020 12:26:05,024 - 23.01.2020 12:27:19,762
Mouse clicks: 3
Keyboard entries: 0

Background checks**Background check 1: SYS_X_1_0818_21_IUPR_Datenerfassung_00000**

Result: OK

Time required (TU): 0.0
23.01.2020 12:26:04,901 - 23.01.2020 12:27:31,196
Mouse clicks: 0
Keyboard entries: 0

Background check 2: SYS_X_0918_21_CRI_Lernwerte_Datenerfassung_00000

Result: OK

Time required (TU): 0.0
23.01.2020 12:27:31,241 - 23.01.2020 12:27:33,717
Mouse clicks: 0
Keyboard entries: 0

Background check 3: SYS_X_0918_21_Verkokung_Sekundaerluftdiagnose_Datenerfassung_00000

Result: OK

Time required (TU): 0.0
23.01.2020 12:27:33,738 - 23.01.2020 12:27:33,778
Mouse clicks: 0
Keyboard entries: 0