

Offboard Diagnostic Information System

Diagnostic protocol(Long)

07.02.2020 14:23

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:

Hardware platform:

Operating system:

VCI type:

VCI connecting type:

Communication path:

Importer number:

Dealer/dealership number:

Dealership identifier:

9c2f1fc024dcfc6023256bf0f1b605c7
 STD PC (Hewlett-Packard / HPProBook450G1)
 Windows 7
 VAS 5054 (094106074)
 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 5.1.6
 89.5.500

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 A4 2016>
 2019 (K)
 Saloon
 CVKB 2.0I TFSI / 140kW
 WAUZZZF42KA073683
 WAUZZZF42KA073683
 6121
 AU49X
 1110.2.211

Diagnostic session

Start of diagnosis:

07.02.2020 14:05

Time required (TU): 32

End of diagnosis:

07.02.2020 14:23

Mouse clicks Diagnostic session/Diagnostic start-up/Diagnostic exit/Function tests: 56 / 11 / 0 / 49
 Keyboard entries Diagnostic session/Diagnostic start-up/Diagnostic exit/Function tests: 76 / 14 / 0 / 28

Diagnostic data used:

GFF DIBB brand:

GFF DIBB version:

GFF DIBB language:

GFF technical version:

Base DIBB version:

Base DIBB language:

DTC_Exclusion Version:

A
 2020.01.00
 en_GB
 2.19.8
 2019.12.10.AutoGenerated
 en_GB
 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: 0001 System name: 01 - Engine electronics Protocol variant: UDS/ISOTP (Ereignisse: 2)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0081 System name: 81 - Selector lever Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

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

Identification:

Address: 0042 System name: 42 - Driver door electronics Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0052 System name: 52 - Front passenger door electronics Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0003 System name: 03 - Brake electronics Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

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

Identification:

Address: 0015 System name: 15 - Airbag Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

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

Identification:

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

Identification:

Event memory entries (Data source: Vehicle):

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

Identification:

Address: 0017 System name: 17 - Dash panel insert Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 00D7 System name: D7 - Light control right 2 (LED) Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0008 System name: 08 - AC/heater electronics (3 zones) Protocol variant: UDS/ISOTP (Ereignisse: 2)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0009 System name: 09 - Electronic central electrics (BCM) Protocol variant: UDS/ISOTP (Ereignisse: 10)

Identification:

Event memory entries (Data source: Vehicle):

Entry in fault memory

Number:

Fault type 2:

Symptom:

Status:

U141500: Terminal 30-5 Open circuit

active/static

65568

00001001

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

Number:

Fault type 2:

Symptom:

Status:

U116E00: Control module for light activation, left No

communication

passive/sporadic

66672

00001000

Standard ambient conditions:

Date:

03/02/20

Time:
Mileage (DTC):
Priority:
Frequency counter:
Unlearning counter / driving cycle:

Diagnostic protocol

10 38 09
6121
4
1
60

Extended ambient conditions:

Dynamic environmental data	10 00 7A 3A E4 9E 00 55 10 01 00 A3 2B	
average Voltage_terminals	16 00 00 3A CF 22	V
Outside air temperature sensor	12.2	C
numerical value, no text	29.0	
Param_TestProgrResisValue	no_textual_interpretation_available	kΩ
numerical value, no text	0.85	
interior temperature	no_textual_interpretation_available	C
numerical value, no text	31.5	
Vehicle speed	no_textual_interpretation_available	km/h
numerical value, no text	0.0	
Terminal control	not_available	
Off	off	
Not available	not_available	
Off	off	

Entry in fault memory

Number:	U116F00: Control module for light activation, night fall
Fault type 2:	communication
Symptom:	passive/sporadic
Status:	66673
	00001000

Standard ambient conditions:

Extended ambient conditions:

Entry in fault memory

Number:	U112300: Databus error value received
Fault type 2:	active/static
Symptom:	66679
Status:	00001001

Standard ambient conditions:

Extended ambient conditions:

Entry in fault memory

Number:	U112300: Databus error value received
Fault type 2:	active/static
Symptom:	66882
Status:	00001001

Standard ambient conditions:

Extended ambient conditions:

Entry in fault memory

Number:	U112300: Databus error value received
Fault type 2:	passive/sporadic
Symptom:	66950
Status:	00001000

Standard ambient conditions:

Extended ambient conditions:

Entry in fault memory

Number:	U112300: Databus error value received
Fault type 2:	passive/sporadic
Symptom:	66962
Status:	00001000

Standard ambient conditions:

Extended ambient conditions:

Entry in fault memory

Number:	U112300: Databus error value received
Fault type 2:	active/static
Symptom:	66964
Status:	00001001

Standard ambient conditions:

Extended ambient conditions:

Entry in fault memory

Number:	U150400: Data bus front light No communication
Fault type 2:	passive/sporadic
Symptom:	131080

Number	B10FC13: Front park assist sensors Open circuit
Fault type 2:	passive/sporadic
Symptom:	196720
Status	00001000

Standard ambient conditions:

Extended ambient conditions:

Address: 0019 System name: 19 - Data bus diagnostic interface Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Address: 0029 System name: 29 - Light control left Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0039 System name: 39 - Light control right Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Event memory entries (Data source: Vehicle):

Entry in fault memory

Number	B201200: Data set implausible
Fault type 2:	active/static
Symptom	18
Status	00001001

Standard ambient conditions:

Date:	31.63:63 - 31.15.2127
Time	-
Mileage (DTC)	16777215
Priority:	4
Frequency counter:	1
Unlearning counter / driving cycle:	0

Address: 00BB System name: BB - Door electronics driver side rear Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 006C System name: 6C - Rear-view camera system Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 00BC System name: BC - Door electronics passenger side rear Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 005F System name: 5F - Information electronics 1 (MIB 2 High) Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Additional system tests with fault memory entries

No system tests available.

Work steps performed

Test plans

Test plan 1

J293_8V_1_0516_21_TFSI_CZRA_00021

Error list:

Control unit address

0001

0001

J393_4M_X_1_0514_Rueckmeldung_Blinkstatus_unpl_00021

Error list:

Control unit address

Error

P048000: Cooling Fan 1 Control Circuit

P195000: Coolant fan for coolant difficulty of movement/blocked

Error

0046
G65_4M_1_1014_21_Ereignisspeicher_00021
Error list:
Control unit address
0008
0008
G2XX_4M_X_1_0115_21_Geber_fuer_Einparkhilfe_00021
Error list:
Control unit address
0009
J519_4M_X_1_0215_21_Bordnetzsteuergeraet_Kl_30_00021
Error list:
Control unit address
0009
J519_F4_X_1_0916_21_Datenbus_Frontlicht_keine_Kommunikation_00000
Error list:
Control unit address
0009
SYS_4M_1_0115_21_Datenb_Frontlicht_je_keine_Komm_00021
Error list:
Control unit address
0009
SYS_4M_1_0115_21_Datenb_Frontlicht_re_keine_Komm_00021
Error list:
Control unit address
0009
SYS_4M_J533_X_1_0814_21_komfort_gen_00021
Error list:
Control unit address
0009
0009
0009
0009
0009
CAN_4M_J533_6_0914_21_empf_fehlerwert_00021
Error list:
Control unit address
0009
0009
0009
0009
0009
J1023_4M_1_1214_21_SG_Konfiguration_pruefen_00021
Error list:
Control unit address
0039
A27_4M_1_0115_21_Leistungsmodul_00021
Error list:
Control unit address
00D7
A27_4M_XXXX_1_0914_21_Steuergeraet_ersetzen_00021
M31_4M_1_0115_21_Lampe_fuer_Abblendlicht_00021
Error list:
Control unit address
00D7
M52_4M_1_0115_21_statisches_Kurvenlicht_00021
Error list:
Control unit address
00D7
G704_4M_1_0115_21_Temperaturgeber_00021
Error list:
Control unit address
00D7
G705_4M_1_0115_21_Temperaturgeber_00021
Error list:
Control unit address
00D7
SYS_X_A27_1_0818_21_Datensatz_unplausibel_ungueltig_00000
Error list:
Control unit address
00D7
SYS_4M_J533_X_1_0614_21_ruhestrom_00021
Error list:
Control unit address
0019

Diagnostic protocol
B182700: Feedback, blinking status, implausible signal

Error
B10AE31: High pressure sensor No signal
B10AE21: High pressure sensor Lower limit not reached

Error
B10FC13: Front park assist sensors Open circuit

Error
U141500: Terminal 30-5 Open circuit
U150400: Data bus front light No communication

Error
U116E00: Control module for light activation left No communication

Error
U116F00: Control module for light activation right No communication

Error
U112300: Databus error value received
U112300: Databus error value received
U112300: Databus error value received
U112300: Databus error value received
U112300: Databus error value received

Error
U112300: Databus error value received
U112300: Databus error value received
U112300: Databus error value received
U112300: Databus error value received
U112300: Databus error value received

Error
B201200: Data set implausible

Error
C119829: Low beam light bulb Implausible signal

Error
C1198F0: Low beam light bulb Current coding electrical error

Error
C119AF0: Static AFS light Current coding electrical error

Error
C1198F1: Low beam light bulb Temperature sensor electrical error

Error
C119AF1: Static AFS light Temperature sensor electrical error

Error
B200500: Data record invalid

Error
U140600: Static current too high

Function tests

Function test 1: ID19_F4_XXX_1_1117_21_00021

Result: ?

Function test 2: IDXX_XX_GFS_Erweiterung_1_0719_21_00000

Result: ?

Function test 3: SYS_F4_1_0115_21_Hauptprogramm_Startmodul_00021

Result: OK

Function test 4: J1023_4M_1_1214_21_SG_Konfiguration_pruefen_00021

Result: OK

Function test 5: A27_4M_1_0115_21_Leistungsmodul_00021

Result: X

Function test 6: A27_4M_1_0115_21_Leistungsmodul_00021

Result: X

07.02.2020 14:08:28.490 - 07.02.2020 14:15:31.303
Mouse clicks: 0
Keyboard entries: 14Time required (TU): 0.0
07.02.2020 14:15:33.153 - 07.02.2020 14:15:33.410
Mouse clicks: 0
Keyboard entries: 0Time required (TU): 3.5
07.02.2020 14:15:33.810 - 07.02.2020 14:16:01.370
Mouse clicks: 5
Keyboard entries: 0Time required (TU): 7.4
07.02.2020 14:16:39.736 - 07.02.2020 14:16:47.296
Mouse clicks: 9
Keyboard entries: 14Time required (TU): 3.7
07.02.2020 14:18:40.489 - 07.02.2020 14:20:37.183
Mouse clicks: 11
Keyboard entries: 0Time required (TU): 4.7
07.02.2020 14:21:48.380 - 07.02.2020 14:23:19.155
Mouse clicks: 15
Keyboard entries: 0**Background checks****Background check 1: SYS_X_1_0818_21_IUPR_Datenerfassung_00000**

Result: OK

Time required (TU): 0.0
07.02.2020 14:15:33.714 - 07.02.2020 14:16:10.490
Mouse clicks: 0
Keyboard entries: 0**Background check 2: SYS_X_0918_21_CRI_Lernwerte_Datenerfassung_00000**

Result: OK

Time required (TU): 0.0
07.02.2020 14:16:10.535 - 07.02.2020 14:16:12.816
Mouse clicks: 0
Keyboard entries: 0**Background check 3: SYS_X_0918_21_Turbolader_Offset_Datenerfassung_00000**

Result: OK

Time required (TU): 0.0
07.02.2020 14:16:12.934 - 07.02.2020 14:16:13.143
Mouse clicks: 0
Keyboard entries: 0**Background check 4: SYS_X_0918_21_Energiespeicher_Datenerfassung_00000**

Result: OK

Time required (TU): 0.0
07.02.2020 14:16:13.168 - 07.02.2020 14:16:13.165
Mouse clicks: 0
Keyboard entries: 0