

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 5.2.7
Main feature: 99.0.150
More:

Vehicle:

Brand: Audi
Type: Audi A4 2016>
Model year: 2019 (K)
Variant: Saloon
Engine code: CVKB 2.0I TFSI / 140kW
Vehicle identification number (automatic): WAUZZZF41KN011524
Vehicle identification number (manual): WAUZZZF41KN011524
Mileage (km): 4483
ASAM project name: AU49X
ASAM project version: 1110.2.224

Diagnostic session

Start of diagnosis: 02.06.2020 16:24 Time required (TU): 15
End of diagnosis: 02.06.2020 16:27

Mouse clicks Diagnostic session/Diagnostic start-up/Diagnostic exit/Function tests: 24 / 10 / 0 / 4
Keyboard entries Diagnostic session/Diagnostic start-up/Diagnostic exit/Function tests: 0 / 0 / 0 / 0

Diagnostic data used:

GFF DIDB brand: A
GFF DIDB version: 2020.05.02
GFF DIDB language: en_GB
GFF technical version: 2.20.4
Base DIDB version: 2020.4.20.AutoGenerated
Base DIDB language: en_GB
DTC_Exclusion Version: 182.0.0
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: 0001 System name: 01 - Engine electronics Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

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: 4)

Identification:

Data source:	Vehicle
Hardware part number:	7PP941572A
Part number:	7PP941572AB
Hardware version number:	H09
Software version number:	0003
Production date:	27.08.2018
Code:	00 00 00
Code:	000000
Flash capability:	unknown
System designation:	LED1L
ASAM base variant:	BV_LightContrLeft2UDS
ASAM 2D/ODX data record:	EV_LEDModLeftMELCOAU736
ASAM 2D/ODX data record version:	001004
ASAM/ODX CU variant used:	EV_LEDModLeftMELCOAU736_001
Target data container:	8W0909471C
Version of the target data container:	0008
Equipment code:	00 00 00 00 00 00 00 00 00 00 00
System abbreviation:	A31

Event memory entries (Data source: Vehicle):

Entry in fault memory

Number:	U101100: Supply voltage voltage too low
Fault type 2:	passive/sporadic
Symptom:	65
Status:	00001000

Standard ambient conditions:

Entry in fault memory

Number:	C119801: Low beam light bulb electrical error
Fault type 2:	passive/sporadic
Symptom:	789

Status: 00001000

Standard ambient conditions:

Entry in fault memory

Number: C119A01: Stationary cornering lamp electrical error
Fault type 2: active/static
Symptom: 821
Status: 00001001

Standard ambient conditions:

Entry in fault memory

Number: C11FF13: Supply for high beam Open circuit
Fault type 2: passive/sporadic
Symptom: 837
Status: 00001000

Standard ambient conditions:

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:

Address: 0008 System name: 08 - AC/heater electronics (3 zones) Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0009 System name: 09 - Electronic central electrics (BCM) Protocol variant: UDS/ISOTP (Ereignisse: 13)

Identification:

Data source: Vehicle
Hardware part number: 8W0907063BF
Part number: 8W0907063DF
Hardware version number: H13
Software version number: 0313
Production date: 01.03.2019
Code: 07 50 19 43 E1 18 00 CD 05 14
87 14 1B 2D 00 [...]
07501943E11800CD051487141B2D0
Code: 0F9110B310800000000000000000200
01A810A450122025605
Flash capability: unknown
System designation: BCM1 MLBevo
ASAM base variant: BV_CentrElectUDS
ASAM 2D/ODX data record: EV_BCM1BOSCHAU736
ASAM 2D/ODX data record version: 019008
ASAM/ODX CU variant used: EV_BCM1BOSCHAU736_019
Target data container: 8W0909514P
Version of the target data container: 0057
Equipment code: 00 00 00 00 00 00 00 00 00 00 00
System abbreviation: J519

Event memory entries (Data source: Vehicle):

Address: 0019 System name: 19 - Data bus diagnostic interface Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

Address: 0029 System name: 29 - Light control left Protocol variant: UDS/ISOTP (Ereignisse: 1)

Identification:

Data source: Vehicle
Hardware part number: 4M0907397D
Part number: 4M0907397AD
Hardware version number: H05
Software version number: 0024
Production date: 15.04.2019
Code: 00 00 00
Code: 000000
Flash capability: unknown

System designation: LCM_MLBevo
 ASAM base variant: BV_LightContrLeftUDS
 ASAM 2D/ODX data record: EV_LCMLeftHELLAAU736
 ASAM 2D/ODX data record version: 001012
 ASAM/ODX CU variant used: EV_LCMLeftHELLAAU736_001
 Target data container: -----
 Version of the target data container: ----
 Equipment code: 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D
 2D
 System abbreviation: J1018

Event memory entries (Data source: Vehicle):

Entry in fault memory

Number: B201200: Data record 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: 39

Address: 0039 System name: 39 - Light control right Protocol variant: UDS/ISOTP (Ereignisse: 0)

Identification:

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

M30_4M_1_0115_21_Lampe_fuer_Fernlicht_00021		Evaluation factor: 50.3
Error list:		
Control unit address	Error	
00D6	C11FF13: Supply for high beam Open circuit	
M51_4M_1_0115_21_statisches_Kurvenlicht_00021		Evaluation factor: 50.2
Error list:		
Control unit address	Error	
00D6	C119A01: Stationary cornering lamp electrical error	
SPG_4M_J519_1_1014_21_Scheinw_links_00021		Evaluation factor: 50.1
Error list:		
Control unit address	Error	
0009	B14B311: Headlights left, supply voltage Short circuit to Ground (GND)	
J519_F4_X_1_1016_21_Bordnetzsteuergeraet_Lichtsteuerung_links_Versorgungsspannung_Kurzschluss_nach_Masse_00000		Evaluation factor: 50.1
Error list:		
Control unit address	Error	

0009	B151E11: Light activation, left, supply voltage Short circuit to Ground (GND)	
M29_4M_1_0115_21_Lampe_fuer_Abblendlicht_00021		Evaluation factor: 50.1
Error list:	Error	
Control unit address	C119801: Low beam light bulb electrical error	
00D6		Evaluation factor: 50.0
J519_4M_X_1_0215_21_Bordnetzsteuergeraet_Kl_30_00021		
Error list:	Error	
Control unit address	U141400: Terminal 30-4 Open circuit	
0009		Evaluation factor: 50.0
SYS_4M_2_0115_21_Datenb_Frontlicht_li_keine_Komm_00021		
Error list:	Error	
Control unit address	U117000: Left LED headlamp power output module no communication	
0009		Evaluation factor: 50.0
J519_4M_X_1_0115_21_Versorgungsspannung_U_00021		
Error list:	Error	
Control unit address	B140E13: Voltage supply, right terminal 30 Open circuit	
0009		Evaluation factor: 50.0
J519_4M_X_1_0115_21_Versorgungsspannung_U_00021		
Error list:	Error	
Control unit address	B140D13: Voltage supply, left terminal 30 Open circuit	
0009		Evaluation factor: 50.0
SYS_4M_1_0115_21_Datenb_Frontlicht_li_keine_Komm_00021		
Error list:	Error	
Control unit address	U116E00: Left light control module no communication	
0009		Evaluation factor: 50.0
SYS_4M_1_0115_21_Datenb_Frontlicht_re_keine_Komm_00021		
Error list:	Error	
Control unit address	U116F00: Right light control module no communication	
0009		Evaluation factor: 50.0
SPG_4M_A31_1_0115_21_Versorgungsspannung_00021		
Error list:	Error	
Control unit address	U101100: Supply voltage voltage too low	
00D6		Evaluation factor: 10.0
CAN_4M_J533_6_0914_21_empf_fehlerwert_00021		
Error list:	Error	
Control unit address	U112300: Databus error value received	
0009	U112300: Databus error value received	
0009	U112300: Databus error value received	
0009	U112300: Databus error value received	
0009	U112300: Databus error value received	
0009	U112300: Databus error value received	Evaluation factor: 10.0
SYS_4M_J533_X_1_0814_21_komfort_gen_00021		
Error list:	Error	
Control unit address	U112300: Databus error value received	
0009	U112300: Databus error value received	
0009	U112300: Databus error value received	
0009	U112300: Databus error value received	
0009	U112300: Databus error value received	
0009	U112300: Databus error value received	Evaluation factor: 1.6
J1018_4M_1_1214_21_SG_Konfiguration_pruefen_00021		
Error list:	Error	
Control unit address	B201200: Data record implausible	
0029		Evaluation factor: 1.0
J393_4M_X_1_0514_Rueckmeldung_Blinkstatus_unpl_00021		
Error list:	Error	
Control unit address	B182700: Feedback, blink status, implausible signal	
0046		

Function tests

Function test 1: ID19 F4 XXX 1 1117 21 00021

Result: ?

Time required (TU): 0.2
02.06.2020 16:25:46,760 - 02.06.2020 16:25:52,291
Mouse clicks: 0
Keyboard entries: 0

Function test 2: IDXX XX GFS Erweiterung 1 0719 21 00000

Result: ?

Time required (TU): 0.0
02.06.2020 16:25:53,234 - 02.06.2020 16:25:53,413
Mouse clicks: 0
Keyboard entries: 0

Function test 3: SYS F4 1 0115 21 Hauptprogramm Startmodul 00021

Result: OK

Time required (TU): 2.9
02.06.2020 16:25:53,716 - 02.06.2020 16:26:04,898
Mouse clicks: 4
Keyboard entries: 0

Background checks

Background check 1: SYS X 1 0818 21 IUPR Datenerfassung 00000

Result: OK

Time required (TU): 0.0
02.06.2020 16:25:53,708 - 02.06.2020 16:26:12,623
Mouse clicks: 0
Keyboard entries: 0

Background check 2: SYS X 0918 21 CRI Lernwerte Datenerfassung 00000

Result: OK

Time required (TU): 0.0
02.06.2020 16:26:12,641 - 02.06.2020 16:26:13,458
Mouse clicks: 0
Keyboard entries: 0

Background check 3: SYS X 0918 21 Turbolader Offset Datenerfassung 00000

Result: OK

Time required (TU): 0.0
02.06.2020 16:26:13,473 - 02.06.2020 16:26:13,618
Mouse clicks: 0
Keyboard entries: 0

Background check 4: SYS X 0918 21 Energiespeicher Datenerfassung 00000

Result: OK

Time required (TU): 0.0
02.06.2020 16:26:13,632 - 02.06.2020 16:26:13,642
Mouse clicks: 0
Keyboard entries: 0