

Offboard Diagnostic Information System

Diagnostic Log(Function test)

XML_to_HTML_Main.xml Version: 5.92.0 from 29.09.2021
(Confidentiality level: confidential)

General information

RO number: ---

Log type: Guided Fault Finding
Log status: Final log

Workshop information

Diagnostic tester serial number: [REDACTED]

Hardware platform: [REDACTED]

Operating system: [REDACTED]

VCI type: [REDACTED]

VCI connection type: [REDACTED]

Communication path: [REDACTED]

Importer number: [REDACTED]

Business identifier: [REDACTED]

[REDACTED]
STD PC (Dell Inc. / Inspiron 7573)
Windows 10 EditionUnknown2009 Build 19044 (Windows 10 Home)

Ethernet

CAN/K line

(manual specification)
Independent dealer

Contract status:

Software versions:

Offboard Diagnostic Information System Service: [REDACTED]

Additional:

MCD server manufacturer:	Volkswagen AG
MCD server name:	VW-MCD
MCD server version:	19.0.4
MCD server API version:	3.0.0
PDU API manufacturer:	VOLKSWAGEN D-PDU-API
PDU API version:	26.2.0
PDU API API version:	26.2.0
ECF version:	57.5.6
General Testscript API Version:	unknown
API version test script:	4.105.1
Measurement Types:	23.1.1

Installed diagnostic data:

GFF DIBB brand:	A
GFF DIBB version:	2023.03.01
GFF DIBB language:	en_US, od_OD
GFF technical version:	2.30.5

GFF DIBB brand:	V
GFF DIBB version:	2023.03.01
GFF DIBB language:	en_US, od_OD
GFF technical version:	2.47.7

Base DIBB version:	2023.3.18.AutoGenerated
Base DIBB language:	en_US, od_OD

Vehicle:

Brand: Volkswagen

Type: 7P - Touareg 2010 USA/CAN >

Model year: 2013 (D)

Version: Sedan

Engine code: CNRB 3.0 L TDI-CR / 176kW

VIN (automatic): [REDACTED]

Odometer reading (km): [REDACTED]

ASAM project name: VW526

ASAM project version: 1902.2.153

Regulation-based software identification numbers:

29.03.2023 10:41:02,392

Regulation_Identification	Software_Identification
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29.03.2023 12:41:45,339

Regulation_Identification	Software_Identification
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First system test with DTC memory entries

Address: 0001 System name: 01 - Engine electronics Log versions: UDS/ISOTP (Ereignisse: 7)

Identification:

Data source: Vehicle
 Hardware part number: 7P0907401K
 Part number: 7P0907401K
 Hardware version number: H19
 Software version number: 0013
 Production date: 05.09.2012
 Coding: 29 2A 40 12 23 26 00 05 00 00
 Coding: 292A4012232600050000
 Ability to flash: Unknown
 System name: 3.0TDI FSA
 ASAM base version: BV_EnginContrModul1UDS
 ASAM 2D/ODX data set: EV_ECM30TDI0117P0907401K
 ASAM 2D/ODX data set version: 001014
 ASAM/ODX control module version being used: EV_ECM30TDI0117P0907401K_001
 Equipment code: 00 00 00 00 00 00 00 00
 System abbreviation: J623

DTC memory entries (Data source: Vehicle):

DTC memory entry

Number: P242500: Exhaust Gas Recirculation Cooling Valve Control Circuit
 Error type 2: Open
 Symptom: passive/sporadic
 Status: 4871
 00100000

Standard ambient conditions:

Date: 3/28/23
 Time: 11:30:56 AM
 Mileage (DTC): 262383
 Priority: 2
 Frequency counter: 1
 Elimination counter / driving cycle: 255

Expanded ambient conditions:

Engine rpm	0.0	1/min
Normed load value	0.0	%
Vehicle speed	0	km/h
Coolant temperature	47	°C
Intake air temperature	20	°C
Ambient air pressure	990	mbar
Voltage terminal 30	11.28	V
Dynamic environmental data	20 96 28 13 BA 00 00 00 02 14 B3 0D 5E	
Unlearning counter according OBD	11 39 00 00 13 3A 0B 0F 12 FB 0B 7B	
Shut-off timer, last engine shut-off time	40	s
Control module temp., max. value	69.06	°C
Mean injection quantity	0.0	mg/stroke
Env T t	9.96	°C
Control module temperature	20.76	°C

DTC memory entry

Number: P125700: Coolant circulation valve Open circuit
 Error type 2: passive/sporadic
 Symptom: 10382
 Status: 00101000

Standard ambient conditions:

Date: 3/28/23
 Time: 4:07:08 PM
 Mileage (DTC): 262383
 Priority: 2
 Frequency counter: 2
 Elimination counter / driving cycle: 255

Expanded ambient conditions:

Engine rpm	0.0	1/min
Normed load value	0.0	%
Vehicle speed	0	km/h
Coolant temperature	43	°C
Intake air temperature	20	°C
Ambient air pressure	990	mbar
Voltage terminal 30	12.24	V

Dynamic environmental data	20 96 28 13 BA 00 00 00 18 14 B3 0D 5E	
	11 39 00 00 13 3A 0B 50 12 FB 0B C3	
Unlearning counter according OBD	40	
Shut-off timer, last engine shut-off time	24	s
Control module temp., max. value	69.06	°C
Mean injection quantity	0.0	mg/stroke
Env T t	16.46	°C
Control module temperature	27.96	°C

DTC memory entry

Number:	P023400: Turbo/Super Charger Overboost Condition
Error type 2:	passive/sporadic
Symptom:	12899
Status:	01101000

Standard ambient conditions:

Date:	3/21/23
Time:	2:06:59 PM
Mileage (DTC):	262049
Priority:	2
Frequency counter:	1
Elimination counter / driving cycle:	255

Expanded ambient conditions:

Engine rpm	1486.0	1/min
Normed load value	22.74509846	%
Vehicle speed	51	km/h
Coolant temperature	83	°C
Intake air temperature	18	°C
Ambient air pressure	980	mbar
Voltage terminal 30	14.52	V

Dynamic environmental data

20 96 1D 11 7E 1F 4E 11 CC 1F 58 13 3A
0B 1E 11 49 04 74 10 2A 05 47 10 26 1F
D9 10 56 06 BF

Unlearning counter according OBD	29	
Charge Pressure Actuator, activation	97.82715	%
Charge air pressure actuator, acknowledgment	97.94922	%
Env T t	11.46	°C
Charge air pressure, specified value	1140	hPa
Accelerator pedal travel	16.4917	%
Air mass, actual value (mg/stroke)	815.3	mg/stroke
Air p CAC Ds	1727	hPa

DTC memory entry

Number:	P040B00: Exhaust Gas Recirculation Temperature Sensor "A"
Error type 2:	Circuit Range/Performance
Symptom:	passive/sporadic
Status:	13156
	11101000

Standard ambient conditions:

Date:	3/14/23
Time:	5:07:07 PM
Mileage (DTC):	261332
Priority:	2
Frequency counter:	2
Elimination counter / driving cycle:	255

Expanded ambient conditions:

Engine rpm	1769.0	1/min
Normed load value	34.50980456	%
Vehicle speed	0	km/h
Coolant temperature	77	°C
Intake air temperature	25	°C
Ambient air pressure	990	mbar
Voltage terminal 30	14.6	V

Dynamic environmental data

20 96 28 11 39 02 15 10 FB 11 1F 16 29
0E 04 10 C2 04 CD 15 31 02 64 10 26 09
E2 16 1E 0F A7

Unlearning counter according OBD	40	
Mean injection quantity	5.33	mg/stroke
Exhaust gas temperature sensor 1	165.16	°C
Temp sensor for EGR after cooler, raw value	85.66	°C
EGR Vacuum Regulator Solen.val., activation	15.002441	%
Exhaust mass flow of EGR	61.2	kg/h
Air mass, actual value (mg/stroke)	253.0	mg/stroke
AS Mod t EGR Ds	127.56	°C

DTC memory entry

Number: P125A00: Thermal management Coolant circulation implausible
 Error type 2: passive/sporadic
 Symptom: 15499
 Status: 01101000

Standard ambient conditions:

Date: 3/16/23
 Time: 8:41:28 AM
 Mileage (DTC): 261356
 Priority: 6
 Frequency counter: 2
 Elimination counter / driving cycle: 255

Expanded ambient conditions:

Engine rpm	735.5	1/min
Normed load value	36.47058891	%
Vehicle speed	9	km/h
Coolant temperature	74	°C
Intake air temperature	12	°C
Ambient air pressure	980	mbar
Voltage terminal 30	14.68	V

DTC memory entry

Number: P245B00: Exhaust Gas Recirculation Cooler Bypass Control
 Error type 2: Circuit Range/Performance
 Symptom: active/static
 Status: 19406
 11101101

Standard ambient conditions:

Date: 3/17/23
 Time: 8:33:28 AM
 Mileage (DTC): 261450
 Priority: 2
 Frequency counter: 1
 Elimination counter / driving cycle: 255

Expanded ambient conditions:

Engine rpm	1790.5	1/min
Normed load value	52.156863709999996	%
Vehicle speed	109	km/h
Coolant temperature	74	°C
Intake air temperature	7	°C
Ambient air pressure	1000	mbar
Voltage terminal 30	14.82	V

Dynamic environmental data
 20 96 28 18 C6 FE 3E 18 C7 01 BA 18 C8
 1A FE 10 05 0D 04 10 26 17 64 10 C2 20
 00 16 25 0A EC

Unlearning counter according OBD
 EGR Clg t Egr Ds De Mon Heat Avg 40
 EGR Clg dm Egr Mon Heat Avg -45.0
 EGR Clg t Turbn Us Mon Avg 44.2
 Air t EGR Clr Ds 417.86
 Air mass, actual value (mg/stroke) 60.06
 EGR Vacuum Regulator Solen.val., activation 598.8
 Outside temperature 100.0
 6.46

DTC memory entry

Number: P040B00: Exhaust Gas Recirculation Temperature Sensor "A"
 Error type 2: Circuit Range/Performance
 Symptom: active/static
 Status: 25301
 11101101

Standard ambient conditions:

Date: 3/15/23
 Time: 5:27:05 PM
 Mileage (DTC): 261332
 Priority: 2
 Frequency counter: 17
 Elimination counter / driving cycle: 255

Expanded ambient conditions:

Engine rpm	1999.0	1/min
Normed load value	23.13725533	%
Vehicle speed	45	km/h
Coolant temperature	35	°C

Intake air temperature	12	°C
Ambient air pressure	1010	mbar
Voltage terminal 30	14.42	V
Dynamic environmental data	20 96 28 11 39 01 D8 10 FB 14 3E 16 29 0C 6B 10 C2 11 6D 15 31 02 6B 10 26 0F 19 16 1E 11 3B	
Unlearning counter according OBD	40	
Mean injection quantity	4.72	mg/stroke
Exhaust gas temperature sensor 1	245.06	°C
Temp sensor for EGR after cooler, raw value	44.76	°C
EGR Vacuum Regulator Solen.val., activation	54.455566	%
Exhaust mass flow of EGR	61.9	kg/h
Air mass, actual value (mg/stroke)	386.5	mg/stroke
AS Mod t EGR Ds	167.96	°C

Address: 0002 System name: 02 - Gearbox electronics Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source:	Vehicle
Hardware part number:	0C8927750AK
Part number:	0C8927750AK
Hardware version number:	001
Software version number:	3398
Production date:	23.08.2012
Coding:	00 13 68
Coding:	001368
Ability to flash:	Unknown
System name:	AL1000 AISIN
ASAM base version:	BV_TransContrModulUDS
ASAM 2D/ODX data set:	EV_TCMAL991031
ASAM 2D/ODX data set version:	002115
ASAM/ODX control module version being used:	EV_TCMAL991031_002
Equipment code:	00 00 00 00 00 00 00 00
System abbreviation:	J217

Address: 0042 System name: 42 - Driver door electronics Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source:	Vehicle
Hardware part number:	4H0959793F
Part number:	4H0959793N
Hardware version number:	H07
Software version number:	0166
Production date:	06.09.2012
Coding:	01 1D 07 20 5E 00 45 30 05 08 00 00
Coding:	011D07205E00453005080000
Ability to flash:	flashable
System name:	TSG FA
Target data container:	7PZ222v ____
Version of the target data container:	V019
Equipment code:	0000000000171E31

Address: 0052 System name: 52 - Passenger door electronics Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source:	Vehicle
Hardware part number:	4H0959792F
Part number:	4H0959792F
Hardware version number:	H07
Software version number:	0166
Production date:	02.09.2012
Coding:	01 1D 07 20 5E 00 45 30 05 08 00 00
Coding:	011D07205E00453005080000
Ability to flash:	flashable
System name:	TSG BF
Target data container:	7PZ157v ____
Version of the target data container:	V017
Equipment code:	000000000000F831

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

Identification:

Data source: Vehicle
 Hardware part number: 4H0959795B
 Part number: 4H0959795B
 Hardware version number: H09
 Software version number: 0167
 Production date: 08.09.2012
 Coding: 01 1C 07 20 00 00 25 30 05 08
 00 00
 Coding: 011C07200000253005080000
 Ability to flash: flashable
 System name: TSG HL
 Target data container: 7PZ159v____
 Version of the target data container: V019
 Equipment code: 00000000000000A6

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

Identification:

Data source: Vehicle
 Hardware part number: 4H0959795B
 Part number: 4H0959795B
 Hardware version number: H09
 Software version number: 0167
 Production date: 08.09.2012
 Coding: 01 1C 07 20 00 00 25 30 05 08
 00 00
 Coding: 011C07200000253005080000
 Ability to flash: flashable
 System name: TSG HR
 Target data container: 7PZ161v____
 Version of the target data container: V019
 Equipment code: 00000000000000A6

Address: 0003 System name: 03 - Anti-lock brake system Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P0907379A
 Part number: 7P0907379M
 Hardware version number: H36
 Software version number: 0436
 Production date: 01.09.2012
 Coding: 5B 76 13 C3 49 24 25 5A DA F
 9 C8 99 92 DB A4 [...]
 Coding: 5B7613C34924255ADAF9C89992DB
 A4407300
 Ability to flash: Unknown
 System name: MK25A
 ASAM base version: BV_Brake1UDS
 ASAM 2D/ODX data set: EV_MK25AXT
 ASAM 2D/ODX data set version: 008001
 ASAM/ODX control module version
 being used: EV_ESPMK25A00800_001
 Target data container: 7P0012v____
 Version of the target data container: 7P16
 Equipment code: 00 00 00 00 00 00 34 25
 System abbreviation: J104

Address: 0053 System name: 53 - Parking brake Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P0907801F
 Part number: 7P0907801F
 Hardware version number: H51
 Software version number: 1201
 Production date: 13.09.2012
 Coding: 01 04 02 00
 Coding: 01040200
 Ability to flash: Unknown
 System name: EPB
 ASAM base version: BV_ParkiBrakeUDS
 ASAM 2D/ODX data set: EV_ParkbA7
 ASAM 2D/ODX data set version: 000006
 EV_ParkbA7_001

ASAM/ODX control module version
being used:
Equipment code: 00 00 00 00 00 00 00 00

Address: 0005 System name: 05 - Access and start authorization Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
Hardware part number: 4H0907064CK
Part number: 4H0907064CK
Hardware version number: H32
Software version number: 0421
Production date:
Coding:
Ability to flash: Unknown
System name: RCM2 2 0
Target data container:
Version of the target data container: ---
Equipment code: 0000000000000000

Address: 0015 System name: 15 - Airbag Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
Hardware part number: 7P0959655C
Part number: 7P0959655C
Hardware version number: H05
Software version number: 0025
Production date: 13.09.2012
Coding: 00 00 00 00 00 00 00 00 00 00
Coding: 00 00 00 00 00 [...] 00000000000000000000000000000000
Coding: 003235
Ability to flash: Unknown
System name: VW10Airbag025
ASAM base version: BV_AirbaUDS
ASAM 2D/ODX data set: EV_AirbaVW10BPAVW526
ASAM 2D/ODX data set version: 001001
ASAM/ODX control module version being used: EV_AirbaVW10BPAVW526_001
Target data container: 7P6003v____
Version of the target data container: 0983
Equipment code: 00 00 00 00 00 00 00 08
System abbreviation: J234

Address: 0055 System name: 55 - Automatic vertical headlight aim control Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
Hardware part number: 7L6907357C
Part number: 7P6907357
Hardware version number: H04
Software version number: 0110
Production date: 10.09.2012
Coding: 01 0A 00 01 0F 00 04 00
Coding: 010A00010F000400
Ability to flash: Unknown
System name: AFS-ECU
ASAM base version: BV_HeadlRegulUDS
ASAM 2D/ODX data set: EV_HeadlRegulVWAFS
ASAM 2D/ODX data set version: 005006
ASAM/ODX control module version being used: EV_HeadlRegulVWAFS_005
Target data container: 7P0036v____
Version of the target data container: 0009
Equipment code: 00 00 00 00 00 00 04 F5
System abbreviation: J745

Address: 0065 System name: 65 - Tyre pressure monitor Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
Hardware part number: 7P6907273F
Part number: 7P6907273F

Hardware version number: H09
 Software version number: 0008
 Production date: 12.09.2012
 Coding: 00 00 00
 Coding: 000000
 Ability to flash: Unknown
 System name: RDKBERU25
 ASAM base version: BV_TirePressMonit1UDS
 ASAM 2D/ODX data set: EV_RDKBERU25
 ASAM 2D/ODX data set version: 003006
 ASAM/ODX control module version being used: EV_RDKBERU25_003
 Target data container: 7P6096v____
 Version of the target data container: 0018
 Equipment code: 00 00 00 00 00 00 00 00 00 00 23
 System abbreviation: J502

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

Identification:

Data source: Vehicle
 Hardware part number: 7P6953507L
 Part number: 4H0953568F
 Hardware version number: H03
 Software version number: 0005
 Production date: 07.09.2012
 Coding: 00 00 15
 Coding: 000015
 Ability to flash: flashable
 System name: Lenks.Modul

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

Identification:

Data source: Vehicle
 Hardware part number: 4H0959760D
 Part number: 4H0959760D
 Hardware version number: H08
 Software version number: 0153
 Production date: 27.08.2012
 Coding: 00 58 13 00 00 00 40 01 00 00
 Coding: 01 01 01 01 20 [...]

Coding: 005813000000400100000101010120
 Coding: 2020202121202020
 Ability to flash: flashable
 System name: MEM-FS
 Target data container: VW-TOUAREG-
 Version of the target data container: 0001
 Equipment code: 0000000000000000

Address: 0046 System name: 46 - Convenience system central module Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4H0907064CK
 Part number: 4H0907064CK
 Hardware version number: H32
 Software version number: 0421
 Production date: 04.09.2012
 Coding: 01 06 12 3A 28 B9 50 94 80 A0
 Coding: 06 20 01 00 00 [...]

Coding: 0106123A28B9509480A0062001000
 Coding: 00000000000000000000000000000000
 Coding: 0
 Ability to flash: flashable
 System name: BCM2 2.0
 Target data container: 7P6080v____
 Version of the target data container: 0001
 Equipment code: 0000000027E38F56

Address: 0056 System name: 56 - Radio (Main Unit) Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4G0035082

Part number: 4G0035082D
 Hardware version number: H60
 Software version number: 0112
 Production date: 05.09.2012
 Coding: 02 00 07 02 01 00 00 00 01
 Coding: 020007020100000001
 Ability to flash: Cannot be flashed
 System name: Radio U SIRIU
 Target data container: 7P0042v____
 Version of the target data container: RN12
 Equipment code: 0000000000000027

Address: 0017 System name: 17 - Instrument cluster Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P6920981F
 Part number: 7P6920981F
 Hardware version number: H13
 Software version number: 0318
 Production date: 13.09.2012
 Coding: 8B 77 33 02 2B 00 CF 05 02 00
 Coding: 04
 Coding: 8B7733022B00CF05020004
 Ability to flash: Unknown
 System name: Kombi
 ASAM base version: BV_DashBoardUDS
 ASAM 2D/ODX data set: EV_KombiUDSRBVW526
 ASAM 2D/ODX data set version: 001017
 ASAM/ODX control module version being used: EV_KombiUDSRBVW526_001
 Target data container: -----
 Version of the target data container: ----
 Equipment code: 00 00 00 00 00 00 00 00
 System abbreviation: J285

Address: 0008 System name: 08 - A/C/heating electronics (Climatronic) Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P6907040BK
 Part number: 7P6907040BK
 Hardware version number: H20
 Software version number: 1305
 Production date: 14.09.2012
 Coding: B6 06 20 0A 80
 Coding: B606200A80
 Ability to flash: Unknown
 System name: Klima 2 Zonen
 ASAM base version: BV_AirCondiUDS
 ASAM 2D/ODX data set: EV_AirCondiFront
 ASAM 2D/ODX data set version: 004001
 ASAM/ODX control module version being used: EV_AirCondiFront_004
 Equipment code: 00 00 00 00 00 00 00 00
 System abbreviation: J255

Address: 0009 System name: 09 - Vehicle electrical system control module Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4H0907063D
 Part number: 4H0907063BL
 Hardware version number: H12
 Software version number: 0111
 Production date: 13.09.2012
 Coding: 26 00 10 12 97 3C 5D 01 00 20
 Coding: 18 03 00 00 5D [...]
 Coding: 26001012973C5D010020180300005
 Coding: D0C431C4608820102610000000200
 Coding: 00
 Ability to flash: flashable
 System name: BCM1 2.0
 Target data container: 7P6063v____
 Version of the target data container: 0028

Equipment code: 0000000EBE10E491

Address: 0019 System name: 19 - Data bus on board diagnostic interface with MOST Log versions: UDS/ISOTP (Ereignisse: 2)

Identification:

Data source: Vehicle
 Hardware part number: 7P6907530F
 Part number: 7P6907530F
 Hardware version number: H11
 Software version number: 6028
 Production date: 14.09.2012
 Coding: 00 01 03 75 00
 Coding: 0001037500
 Ability to flash: Unknown
 System name: GW-CAN-L-MOST
 ASAM base version: BV_GatewUDS
 ASAM 2D/ODX data set: EV_GatewVW526UDS
 ASAM 2D/ODX data set version: 001007
 ASAM/ODX control module version being used: EV_GatewVW526UDS_001
 Equipment code: 00 00 00 00 00 0B C7 03 FA 01 EC 9
 9
 System abbreviation: J533

DTC memory entries (Data source: Vehicle):

DTC memory entry

Number: U140600: Static current too large
 Error type 2: passive/sporadic
 Symptom: 12290
 Status: 00001000

Standard ambient conditions:

Date: 3/28/23
 Time: 7:29:44 PM
 Mileage (DTC): 262383
 Priority: 7
 Frequency counter: 2
 Elimination counter / driving cycle: 100

Expanded ambient conditions:

Voltage terminal 30 11.7 V
 Voltage terminal 15 0.0 V
 Control module temperature 23 °C
 System status LIN_active
 no standstill detected
 Engine running Off
 Off
 Terminal 15 status via CAN Off
 Terminal 15 status Off
 0

DTC memory entry

Number: U140B00: Energy management active
 Error type 2: passive/sporadic
 Symptom: 12291
 Status: 00001000

Standard ambient conditions:

Date: 3/28/23
 Time: 11:31:54 AM
 Mileage (DTC): 262383
 Priority: 7
 Frequency counter: 3
 Elimination counter / driving cycle: 100

Expanded ambient conditions:

Voltage terminal 30 11.3 V
 Voltage terminal 15 11.3 V
 Control module temperature 25 °C
 System status Clamp_15_active
 standstill detected
 Engine running Off
 On
 Terminal 15 status via CAN On
 Terminal 15 status On
 1

Address: 006C System name: 6C - Rear view camera Log versions: KWP2000/TP20 (Ereignisse: 0)**Identification:**

Data source: Vehicle
 Hardware part number: 4H0907441
 Part number: 7P6907441A
 Hardware version number: H06
 Software version number: 0020
 Production date: 24.08.2012
 Coding: 100001
 Ability to flash: flashable
 System name: SG Rueckfahrkamera

Address: 006D System name: 6D - Rear lid electronics Log versions: UDS/ISOTP (Ereignisse: 0)**Identification:**

Data source: Vehicle
 Hardware part number: 7P6959107
 Part number: 7P6959107A
 Hardware version number: H10
 Software version number: 0620
 Production date: 04.09.2012
 Coding: 05 33 31 40 02
 Coding: 0533314002
 Ability to flash: Unknown
 System name: HDSG-Modul
 ASAM base version: BV_DeckLidContrUnitUDS
 ASAM 2D/ODX data set: EV_HeckkTourar
 ASAM 2D/ODX data set version: 202137
 ASAM/ODX control module version being used: EV_HeckkTourar_202
 Target data container: 7P6959107A
 Version of the target data container: D043
 Equipment code: 00 00 00 00 00 00 00
 System abbreviation: ----

Address: 005F System name: 5F - Information electronics 1 (Main Unit) Log versions: KWP2000/TP20 (Ereignisse: 0)**Identification:**

Data source: Vehicle
 Hardware part number: 7P6035664
 Part number: 7P6035664C
 Hardware version number: H45
 Software version number: 0544
 Production date: 07.09.2012
 Coding: 01 02 00 05 00 40 E1 EE 41 02
 Coding: 0B 0C 00 00 00 [...] 010200050040E1EE41020B0C00000
 Coding: 003F0000100
 Ability to flash: Cannot be flashed
 System name: H-BN-NA
 Target data container: 7P0042v____
 Version of the target data container: e061
 Equipment code: 000043CE2AE14301

Additional system tests with DTC memory entries**System test no.: 2****Address: 0001 System name: 01 - Engine electronics Log versions: UDS/ISOTP (Ereignisse: 0)****Identification:**

Data source: Vehicle
 Hardware part number: 7P0907401K
 Part number: 7P0907401K
 Hardware version number: H19
 Software version number: 0013
 Production date: 05.09.2012
 Coding: 29 2A 40 12 23 26 00 05 00 00
 Coding: 292A4012232600050000
 Ability to flash: Unknown
 System name: 3.0TDI FSA
 ASAM base version: BV_EnginContrModul1UDS

ASAM 2D/ODX data set: EV_ECM30TDI0117P0907401K
 ASAM 2D/ODX data set version: 001014
 ASAM/ODX control module version being used: EV_ECM30TDI0117P0907401K_001
 Equipment code: 00 00 00 00 00 00 00
 System abbreviation: J623

Address: 0002 System name: 02 - Gearbox electronics Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 0C8927750AK
 Part number: 0C8927750AK
 Hardware version number: 001
 Software version number: 3398
 Production date: 23.08.2012
 Coding: 00 13 68
 Coding: 001368
 Ability to flash: Unknown
 System name: AL1000 AISIN
 ASAM base version: BV_TransContrModulUDS
 ASAM 2D/ODX data set: EV_TCMAL991031
 ASAM 2D/ODX data set version: 002115
 ASAM/ODX control module version being used: EV_TCMAL991031_002
 Equipment code: 00 00 00 00 00 00 00
 System abbreviation: J217

Address: 0042 System name: 42 - Driver door electronics Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4H0959793F
 Part number: 4H0959793N
 Hardware version number: H07
 Software version number: 0166
 Production date: 06.09.2012
 Coding: 01 1D 07 20 5E 00 45 30 05 08
 Coding: 00 00
 Coding: 011D07205E00453005080000
 Ability to flash: flashable
 System name: TSG FA
 Target data container: 7PZ222v ____
 Version of the target data container: V019
 Equipment code: 0000000000171E31

Address: 0052 System name: 52 - Passenger door electronics Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4H0959792F
 Part number: 4H0959792F
 Hardware version number: H07
 Software version number: 0166
 Production date: 02.09.2012
 Coding: 01 1D 07 20 5E 00 45 30 05 08
 Coding: 00 00
 Coding: 011D07205E00453005080000
 Ability to flash: flashable
 System name: TSG BF
 Target data container: 7PZ157v ____
 Version of the target data container: V017
 Equipment code: 000000000000F831

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

Identification:

Data source: Vehicle
 Hardware part number: 4H0959795B
 Part number: 4H0959795B
 Hardware version number: H09
 Software version number: 0167
 Production date: 08.09.2012
 Coding: 01 1C 07 20 00 00 25 30 05 08
 Coding: 00 00

Coding: 011C07200000253005080000
 Ability to flash: flashable
 System name: TSG HL
 Target data container: 7PZ159v____
 Version of the target data container: V019
 Equipment code: 00000000000000A6

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

Identification:

Data source: Vehicle
 Hardware part number: 4H0959795B
 Part number: 4H0959795B
 Hardware version number: H09
 Software version number: 0167
 Production date: 08.09.2012
 Coding: 01 1C 07 20 00 00 25 30 05 08
 00 00
 Coding: 011C07200000253005080000
 Ability to flash: flashable
 System name: TSG HR
 Target data container: 7PZ161v____
 Version of the target data container: V019
 Equipment code: 00000000000000A6

Address: 0003 System name: 03 - Anti-lock brake system Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P0907379A
 Part number: 7P0907379M
 Hardware version number: H36
 Software version number: 0436
 Production date: 01.09.2012
 Coding: 5B 76 13 C3 49 24 25 5A DA F
 9 C8 99 92 DB A4 [...]
 Coding: 5B7613C34924255ADAF9C89992DB
 A4407300
 Ability to flash: Unknown
 System name: MK25A
 ASAM base version: BV_Brake1UDS
 ASAM 2D/ODX data set: EV_MK25AXT
 ASAM 2D/ODX data set version: 008001
 ASAM/ODX control module version
 being used: EV_ESPMK25A00800_001
 Target data container: 7P0012v____
 Version of the target data container: 7P16
 Equipment code: 00 00 00 00 00 00 34 25
 System abbreviation: J104

Address: 0053 System name: 53 - Parking brake Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P0907801F
 Part number: 7P0907801F
 Hardware version number: H51
 Software version number: 1201
 Production date: 13.09.2012
 Coding: 01 04 02 00
 Coding: 01040200
 Ability to flash: Unknown
 System name: EPB
 ASAM base version: BV_ParkiBrakeUDS
 ASAM 2D/ODX data set: EV_ParkbA7
 ASAM 2D/ODX data set version: 000006
 ASAM/ODX control module version
 being used: EV_ParkbA7_001
 Equipment code: 00 00 00 00 00 00 00 00

Address: 0005 System name: 05 - Access and start authorization Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4H0907064CK

Part number: 4H0907064CK
 Hardware version number: H32
 Software version number: 0421
 Production date:
 Coding: 09 86 00 10 00 00 00 00 00
 Coding: 09860010000000000000
 Ability to flash: Unknown
 System name: BCM2 2.0
 Target data container: -----
 Version of the target data container: ----
 Equipment code: 0000000000000000

Address: 0015 System name: 15 - Airbag Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P0959655C
 Part number: 7P0959655C
 Hardware version number: H05
 Software version number: 0025
 Production date: 13.09.2012
 Coding: 00 00 00 00 00 00 00 00 00
 Coding: 00 00 00 00 00 [...] 00000000000000000000000000000000
 Coding: 003235
 Ability to flash: Unknown
 System name: VW10Airbag025
 ASAM base version: BV_AirbaUDS
 ASAM 2D/ODX data set: EV_AirbaVW10BPAVW526
 ASAM 2D/ODX data set version: 001001
 ASAM/ODX control module version being used: EV_AirbaVW10BPAVW526_001
 Target data container: 7P6003v____
 Version of the target data container: 0983
 Equipment code: 00 00 00 00 00 00 00 08
 System abbreviation: J234

Address: 0055 System name: 55 - Automatic vertical headlight aim control Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7L6907357C
 Part number: 7P6907357
 Hardware version number: H04
 Software version number: 0110
 Production date: 10.09.2012
 Coding: 01 0A 00 01 0F 00 04 00
 Coding: 010A00010F000400
 Ability to flash: Unknown
 System name: AFS-ECU
 ASAM base version: BV_HeadlRegulUDS
 ASAM 2D/ODX data set: EV_HeadlRegulVWAFS
 ASAM 2D/ODX data set version: 005006
 ASAM/ODX control module version being used: EV_HeadlRegulVWAFS_005
 Target data container: 7P0036v____
 Version of the target data container: 0009
 Equipment code: 00 00 00 00 00 00 04 F5
 System abbreviation: J745

Address: 0065 System name: 65 - Tyre pressure monitor Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P6907273F
 Part number: 7P6907273F
 Hardware version number: H09
 Software version number: 0008
 Production date: 12.09.2012
 Coding: 00 00 00
 Coding: 000000
 Ability to flash: Unknown
 System name: RDKBERU25
 ASAM base version: BV_TyrePressMonit1UDS
 ASAM 2D/ODX data set: EV_RDKBERU25

ASAM 2D/ODX data set version: 003006
 ASAM/ODX control module version being used: EV_RDKBERU25_003
 Target data container: 7P6096v____
 Version of the target data container: 0018
 Equipment code: 00 00 00 00 00 00 00 00 00 00 00 23
 System abbreviation: J502

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

Identification:

Data source: Vehicle
 Hardware part number: 7P6953507L
 Part number: 4H0953568F
 Hardware version number: H03
 Software version number: 0005
 Production date: 07.09.2012
 Coding: 00 00 15
 Coding: 000015
 Ability to flash: flashable
 System name: Lenks.Modul

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

Identification:

Data source: Vehicle
 Hardware part number: 4H0959760D
 Part number: 4H0959760D
 Hardware version number: H08
 Software version number: 0153
 Production date: 27.08.2012
 Coding: 00 58 13 00 00 00 40 01 00 00
 Coding: 01 01 01 01 20 [...]
 Coding: 005813000000400100000101010120
 Coding: 2020202121202020
 Ability to flash: flashable
 System name: MEM-FS
 Target data container: VW-TOUAREG-
 Version of the target data container: 0001
 Equipment code: 0000000000000000

Address: 0046 System name: 46 - Convenience system central module Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4H0907064CK
 Part number: 4H0907064CK
 Hardware version number: H32
 Software version number: 0421
 Production date: 04.09.2012
 Coding: 01 06 12 3A 28 B9 50 94 80 A0
 Coding: 06 20 01 00 00 [...]
 Coding: 0106123A28B9509480A0062001000
 Coding: 00000000000000000000000000000000
 Coding: 0
 Ability to flash: flashable
 System name: BCM2 2.0
 Target data container: 7P6080v____
 Version of the target data container: 0001
 Equipment code: 0000000027E38F56

Address: 0056 System name: 56 - Radio (Main Unit) Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4G0035082
 Part number: 4G0035082D
 Hardware version number: H60
 Software version number: 0112
 Production date: 05.09.2012
 Coding: 02 00 07 02 01 00 00 00 01
 Coding: 020007020100000001
 Ability to flash: Cannot be flashed
 System name: Radio U SIRIU
 Target data container: 7P0042v____

Version of the target data container: RN12
 Equipment code: 000000000000027

Address: 0017 System name: 17 - Instrument cluster Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P6920981F
 Part number: 7P6920981F
 Hardware version number: H13
 Software version number: 0318
 Production date: 13.09.2012
 Coding: [REDACTED]
 Ability to flash: Unknown
 System name: Kombi
 ASAM base version: BV_DashBoardUDS
 ASAM 2D/ODX data set: EV_KombiUDSRBVW526
 ASAM 2D/ODX data set version: 001017
 ASAM/ODX control module version being used: EV_KombiUDSRBVW526_001
 Target data container: _____
 Version of the target data container: —
 Equipment code: 00 00 00 00 00 00 00 00
 System abbreviation: J285

Address: 0008 System name: 08 - A/C/heating electronics (Climatronic) Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P6907040BK
 Part number: 7P6907040BK
 Hardware version number: H20
 Software version number: 1305
 Production date: 14.09.2012
 Coding: B6 06 20 0A 80
 Coding: B606200A80
 Ability to flash: Unknown
 System name: Klima 2 Zonen
 ASAM base version: BV_AirCondiUDS
 ASAM 2D/ODX data set: EV_AirCondiFront
 ASAM 2D/ODX data set version: 004001
 ASAM/ODX control module version being used: EV_AirCondiFront_004
 Equipment code: 00 00 00 00 00 00 00 00
 System abbreviation: J255

Address: 0009 System name: 09 - Vehicle electrical system control module Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4H0907063D
 Part number: 4H0907063BL
 Hardware version number: H12
 Software version number: 0111
 Production date: 13.09.2012
 Coding: 26 00 10 12 97 3C 5D 01 00 20
 Coding: 18 03 00 00 5D [...] 26001012973C5D010020180300005
 Coding: D0C431C460882010261000000200
 Ability to flash: flashable
 System name: BCM1 2.0
 Target data container: 7P6063v____
 Version of the target data container: 0028
 Equipment code: 0000000EBE10E491

Address: 0019 System name: 19 - Data bus on board diagnostic interface with MOST Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P6907530F
 Part number: 7P6907530F
 Hardware version number: H11

Software version number: 6028
 Production date: 14.09.2012
 Coding: 00 01 03 75 00
 Coding: 0001037500
 Ability to flash: Unknown
 System name: GW-CAN-L-MOST
 ASAM base version: BV_GatewUDS
 ASAM 2D/ODX data set: EV_GatewVW526UDS
 ASAM 2D/ODX data set version: 001007
 ASAM/ODX control module version being used: EV_GatewVW526UDS_001
 Equipment code: 00 00 00 00 00 0B C7 03 FA 01 EC 9
 System abbreviation: J533

Address: 006C System name: 6C - Rear view camera Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 4H0907441
 Part number: 7P6907441A
 Hardware version number: H06
 Software version number: 0020
 Production date: 24.08.2012
 Coding: 100001
 Ability to flash: flashable
 System name: SG Rueckfahrkamera

Address: 006D System name: 6D - Rear lid electronics Log versions: UDS/ISOTP (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P6959107
 Part number: 7P6959107A
 Hardware version number: H10
 Software version number: 0620
 Production date: 04.09.2012
 Coding: 05 33 31 40 02
 Coding: 0533314002
 Ability to flash: Unknown
 System name: HDSG-Modul
 ASAM base version: BV_DeckLidContrUnitUDS
 ASAM 2D/ODX data set: EV_HeckkTourar
 ASAM 2D/ODX data set version: 202137
 ASAM/ODX control module version being used: EV_HeckkTourar_202
 Target data container: 7P6959107A
 Version of the target data container: D043
 Equipment code: 00 00 00 00 00 00 00 00
 System abbreviation: ---

Address: 005F System name: 5F - Information electronics 1 (Main Unit) Log versions: KWP2000/TP20 (Ereignisse: 0)

Identification:

Data source: Vehicle
 Hardware part number: 7P6035664
 Part number: 7P6035664C
 Hardware version number: H45
 Software version number: 0544
 Production date: 07.09.2012
 Coding: 01 02 00 05 00 40 E1 EE 41 02
 Coding: 0B 0C 00 00 00 [...] 010200050040E1EE41020B0C00000
 Coding: 003F0000100
 Ability to flash: Cannot be flashed
 System name: H-BN-NA
 Target data container: 7P0042v____
 Version of the target data container: e061
 Equipment code: 000043CE2AE14301

Current function test

Function test 18: SYS X 1 0312 11 MLB Diagnoseprotokoll senden 00011

Time required (TU): 0.4
29.03.2023 12:41:45,400 - 29.03.2023 12:42:26,890

Mouse clicks: 4
Keyboard input: 4
VCI connection type: Ethernet
Communication path: CAN/K line

Result: OK

Test step: Supply

Function call-up: sys x 2 0312 11 x diagnoseprotokoll senden 00000

Test step: Supply

Function call-up: sys x 1 0519 11 sende protokoll 00000

Parameters:

RVar_str_SETZEN_ZUSTAND_SENDE_PROTOKOLL:

Test step: Supply

Test step: Read data

Test step: Send protocol

Test step: OK -> SELECT 1

Test step: Return

Function return: sys x 1 0519 11 sende protokoll 00000

Result: OK

Test step: OK/not OK

Test step: OK -> SELECT 1

Test step: Return

Function return: sys x 2 0312 11 x diagnoseprotokoll senden 00000

Result: OK

Test step: OK

Test step: Return

Result: OK