

Initial quick test log

Model series/Model designation	221.186	Workshop ID	
VIN	WDDNG86X87A116691	Steering	LEFT
Total distance driven	98602 miles	Version	7.7.3/06/2021 (2021-04-28)
Battery voltage	11.27 V		

CGW - Central gateway				i
MB number 2215408945	HW version 05.42	SW version 07.05	Diagnosis version 0/12	Pin 101
FW number 2214480527 2214481327		FW number (data)	FW number (boot SW)	
Event	Text			Status
9010	The supply voltage of the control unit is too low (undervoltage).			Event STORED

EZS - Electronic ignition switch				i
MB number	HW version	SW version	Diagnosis version	Pin

06/2021 (2021-04-28)\AddOns: ([19504) (19556) (19557) (19582) (19630) (19641) (19653) (19654) (19656) (19658) (19659) (19660) (19661) (19662) (19663) (19664) (19666) (19667) (19668) (19669) (19671) (19673) (19674) (19675) (19677) (19679) (19690) (19701) (19704) (19706) (19711) (19721) (19723) (19724) (19729) (19732) (19734) (19737) (19739) (19744) (19746) (19749) (19751) (19753) (19755) (19756) (19757) (19763) (19764) (19765) (19766) (19769) (19775) (19777) (19786) (19789) (19791) (19792) (19795) (19797) (19802) (19807) (19809) (19810) (19811) (19815) (19816) (19819) (19820) (19824) (19825) (19828) (19831) (19832) (19834) (19837) (19839) (19841) (19844) (19847) (19849) (19853) (19856) (19858) (19864) (19866) (19867) (19870) (19871) (19873) (19875) (19878) (19880) (19881) (19883) (19887) (19890) (19892) (19895) (19896) (19898) (19901) (19903) (19911) (19914) (19918) (19919) (19922) (19924) (19926) (19927) (19928) (19931) (19932) (19934) (19935) (19939) (19941) (19943) (19944) (19946) (19949) (19950) (19953) (19955) (19956) (19960) (19962) (19963) (19969) (19971) (19972) (19973) (19977) (19980) (19983) (19984) (19985) (19988) (19990) (19991) (19993) (19994) (19995) (19997) (19999) (20001) (20002) (20007) (20009) (20011) (20012) (20013) (20016) (20017) (20018) (20019) (20021) (20024) (20026) (20030) (20031) (20032) (20035) (20039) (20040) (20042) (20044) (20045) (20050) (20053) (20056) (20059) (20061) (20063) (20064) (20071) (20073) (20075) (20078) (20079) (20084) (20086) (20087) (20090) (20091) (20093) (20095) (20097) (20098) (20101) (20103) (20104) (20106) (20107) (20109) (20111) (20112) (20114) (20115) (20116) (20118) (20125) (20128) (20129) (20132) (20134) (20135) (20137) (20138) (20139) (20141) (20145) (20147) (20149) (20151) (20153) (20154) (20157) (20163) (20166) (20168) (20169) (20171) (20172) (20175) (20176) (20177) (20179) (20184) (20185) (20187) (20188) (20189) (20191) (20194) (20196) (20197) (20200) (20202) (20203) (20205) (20207) (20209) (20211) (20212) (20214) (20215) (20216) (20217) (20219) (20221) (20223) (20224) (20226) (20228) (20229) (20230) (20231) (20232) (20233) (20234) (20236) (20239) (20241) (20244) (20248) (20249) (20251) (20253) (20254) (20255) (20257) (20260) (20261) (20262) (20263) (20264) (20267) (20269) (20271) (20272) (20274) (20278) (20279) (20282) (20285) (20288) (20290) (20291) (20293) (20295) (20297) (20298) (20311) (20313) (20315) (20317) (20321) (20322) (20324) (20326) (20327) (20329) (20330) (20331) (20334) (20335) (20340) (20342) (20348) (20350) (20352) (20353) (20355) (20356) (20358) (20359) (20360) (20362) (20364) (20365) (20369) (20371) (20372) (20373) (20376) (20379) (20381) (20382) (20384) (20386) (20387) (20389) (20395) (20396) (20398) (20400) (20402) (20405) (20406) (20407) (20409) (20411) (20412) (20413) (20414) (20416) (20418) (20420) (20422) (20423) (20425) (20426) (20429) (20433) (20434) (20436) (20438) (20441) (20442) (20443) (20448) (20449) (20450) (20451) (20455) (20457) (20458) (20459) (20460) (20461) (20463) (20465) (20468) (20469) (20470) (20471) (20473) (20474) (20475) (20476) (20478) (20483) (20484) (20487) (20489) (20490) (20493) (20495) (20499) (20501) (20503) (20505) (20506) (20507) (20508) (20509) (20512) (20513) (20514) (20517) (20521) (20549) (20555) (20561) (20562) (20563) (20565) (20567) (20568) (20570) (20574) (20576) (20577) (20578) (20581) (20583) (20585) (20586) (20588) (20590) (20595) (20596) (20601) (20604) (20606) (20608) (20613) (20615) (20622) (20624) (20628) (20630) (20636) (20640) (20641) (20646) (20648) (20650) (20653) (20656) (20659) (20663) (20667) (20668) (20672) (20678) (20679) (20681) (20683) (20692) (20694) (20696) (20698) (20702) (20708) (20709) (20712) (20715) (20717) (20722) (20726) (20728) (20730) (20733) (20736) (20739) (20741) (20744) (20747) (20749) (20750) (20752) (20755) (20756) (20759) (20762) (20766) (20768) (20776) (20779) (20783) (20784) (20787) (20789) (20791) (20792) (20795) (20797) (20798) (20804) (20809) (20812) (20815) (20820) (20822) (20826) (20828) (20830) (20832) (20834) (20840) (20841) (20845) (20848) (20855) (20857) (20868) (20871) (20876) (20879) (20881) (20883) (20895) (20896) (20897) (20900) (20902) (20905) (20906) (20908) (20913) (20915) (20919) (20922) (20924) (20928) (20929) (20932) (20935) (20938) (20940) (20942) (20945) (20950) (20954) (20957) (20958) (20971) (20973) (20975) (20983) (20986) (20988) (20989) (20993) (20996) (21002) (21010) (21013) (21016) (21017) (21020) (21026) (21030) (21041)

2215450708	05.46	05.46	0/6	101
Event	Text			Status
9005	Terminal 30: undervoltage / NOT PRESENT			Event STORED
9006	Terminal 30b: NOT PRESENT / Undervoltage supply			Event STORED
9001	Undervoltage supply			Event STORED

ME 9.7 - Motor electronics 9.7					- ✓ -
MB number	HW version	SW version	Diagnosis version	Pin	
0034467040	45.05	09.41	10/25	101	
FW number	FW number (data)		FW number (boot SW)		
2739020000	2739032100				

ETC - Electronic transmission control					- f - i
MB number	HW version	SW version	Diagnosis version	Pin	
0034460310	47.2006	17.2010	4/1	101	
Serial number	FW number	FW number (data)	FW number (boot SW)		
2202702906	0029020001				
Code	Text			Status	
0722	The signal from component Y3/8n3 (Output speed sensor (VGS)) is not available.			STORED	
Event	Text			Status	
C100	No CAN message was received from control unit Engine management.			Event STORED	
D10B	No CAN message was received from control unit Engine management.			Event STORED	


ISM - Intelligent servo module					- ✓ -
MB number	HW version	SW version	Diagnosis version	Pin	
1642700352	06.11	06.06	0/5	101	
FW number	FW number (data)		FW number (boot SW)		
0014480710					

ABR - Adaptive Brake					i
MB number	HW version	SW version	Diagnosis version	Pin	
2215455232	05.09	06.06	4/8	101	
FW number	FW number (data)		FW number (boot SW)		
2214421153					
Event	Text			Status	
6000	The supply voltage of the control unit is too low (undervoltage).			Event STORED	
6108	Chassis CAN bus : No CAN message was received from control unit Engine control module.			Event STORED	

Electronic parking brake - Electric parking brake					- ✓ -
MB number	HW version	SW version	Diagnosis version	Pin	
2214300649	05.02	05.50	0/2	101	
FW number	FW number (data)		FW number (boot SW)		
2214420536					

AIRmatic					- ✓ -
MB number	HW version	SW version	Diagnosis version	Pin	
2215456532	05.41	06.07	8/1	101	

FW number 2214422702	FW number (data)	FW number (boot SW)
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TPC - Tire pressure monitor				i
MB number 0028206526	HW version 04.28	SW version 06.27	Diagnosis version 0/3	Pin 101
FW number 2214420537	FW number (data)	FW number (boot SW)		
Event	Text	Status		
9010	The supply voltage of component N88 (TPM [RDK] control unit) is too low (undervoltage).	Event STORED 		

KG - Keyless Go				- f - i
MB number 2215454532	HW version 05.27	SW version 06.30	Diagnosis version 0/12	Pin 101
FW number 2214420826	FW number (data)	FW number (boot SW)		
Code	Text	Status		
9110	B67/1 (Left front Keyless Go sensor unit) : PERMANENTLY ACTUATED	STORED		
Event	Text	Status		
93B0	No CAN message was received from control unit EZS.	Event STORED		
9010	Undervoltage supply	Event STORED		

AB - Airbag				- ✓ -
MB number 2218707526	HW version 05.22	SW version 05.24	Diagnosis version 0/8	Pin 101
FW number	FW number (data) 2214470642	FW number (boot SW)		

WSS - Weight sensing system				i
MB number 2218704087	HW version 05.23	SW version 05.43	Diagnosis version 2/4	Pin 101
Event	Text	Status		
C001	Undervoltage supply	Event STORED		

Dr-side SAM - Driver signal acquisition and actuation module				- f - i
MB number 2215457732	HW version 05.46	SW version 05.46	Diagnosis version 0/2	Pin 101
FW number 2214422100	FW number (data)	FW number (boot SW)		
Code	Text	Status		
90A0	Component E2e5 (Right turn signal lamp) is faulty or the line to the component has a short circuit or open circuit.	STORED		
90A1	Component E1e5 (Left turn signal lamp) is faulty or the line to the component has a short circuit or open circuit.	STORED		
90D0	Component Switch illumination or line to component has short circuit or open circuit.	STORED		
Event	Text	Status		

9101	The coolant level is too low or the line to component S41 (Coolant level indicator switch) has an open circuit.	Event STORED
9102	The washer fluid level is too low or the line to component S42 (Windshield washer fluid level indicator switch) has an open circuit.	Event STORED
9121	Local undervoltage of component M6/6 (Master wiper motor)	Event STORED
9200	Circuit 30 has an undervoltage of < 10.5 V.	Event STORED
9201	Circuit 30 has an undervoltage of < 8 V.	Event STORED
9202	Circuit 30 has an undervoltage of < 7 V.	Event STORED

REAR SAM - Rear signal acquisition and actuation module				- f -	i
MB number 2215454832	HW version 05.21	SW version 06.04	Diagnosis version 0/3	Pin 101	
FW number 2214421300		FW number (data)		FW number (boot SW)	
Code	Text	Status			
90B1	Component E18/5 (Left trunk lamp) is faulty or the line to the component has a short circuit or open circuit.	STORED			
9164	Component R3/1 (Rear cigar lighter) is faulty or the line to the component has an open circuit.	STORED			
9166	There is a discontinuity in the line to component X58/12 (Load compartment socket) or the component is defective.	STORED			
Event	Text	Status			
9210	Circuit 30 has an undervoltage of < 10.5 V.	Event STORED			
9211	Circuit 30 has an undervoltage of < 8 V.	Event STORED			
9212	Circuit 30 has an undervoltage of < 7 V.	Event STORED			

XALWA-L - Xenon headlamp, left				- ✓ -
MB number 2168203685	HW version 06.02	SW version 06.21	Diagnosis version 2/5	Pin 101
FW number 2164420003		FW number (data)		FW number (boot SW)

XALWA-R - Xenon headlamp, right				- ✓ -
MB number 2168203685	HW version 06.02	SW version 06.21	Diagnosis version 2/5	Pin 101
FW number 2164420003		FW number (data)		FW number (boot SW)

OCP - Overhead control panel				i
MB number 2218704286	HW version 05.23	SW version 05.43	Diagnosis version 0/4	Pin 101
FW number 2164420123		FW number (data)		FW number (boot SW)
Event	Text	Status		
9001	The voltage was less than 9 V during 5 s.	Event STORED		

UCP - Upper control panel				- ✓ -
MB number 2218701158	HW version 06.22	SW version 06.19	Diagnosis version 0/14	Pin 101
FW number 2214422023		FW number (data)		FW number (boot SW)

COU [ZBE] - Central operating unit				i
MB number	HW version	SW version	Diagnosis version	Pin
2218701010	05.17	06.24	33/5	101
FW number		FW number (data)	FW number (boot SW)	
2214421168				
Event	Text	Status		
D951	Fault in CAN communication with control unit N73 (Electronic ignition lock control unit).	Event STORED		
D954	Fault in CAN communication with control unit N82/1 (Vehicle power supply control module).	Event STORED		
D953	Fault in CAN communication with control unit A40/3 (COMAND control unit).	Event STORED		
D010	The supply voltage of the control unit is too low (undervoltage).	Event STORED		

RevETR-LF - Left front reversible emergency tensioning retractor				i
MB number	HW version	SW version	Diagnosis version	Pin
2218270345	05.15	05.14	0/3	101
FW number		FW number (data)	FW number (boot SW)	
2214420069				
Event	Text	Status		
5401	The supply voltage of the control unit is too low (undervoltage).	Event STORED		
5101	No CAN message was received from control unit N47-5 (ESP control unit).	Event STORED		

RevETR-RF - Right front reversible emergency tensioning retractor				i
MB number	HW version	SW version	Diagnosis version	Pin
2218270445	05.15	05.14	0/3	101
FW number		FW number (data)	FW number (boot SW)	
2214420069				
Event	Text	Status		
5401	The supply voltage of the control unit is too low (undervoltage).	Event STORED		
5101	No CAN message was received from control unit N47-5 (ESP control unit).	Event STORED		

BNS - Vehicle power supply control module				i
MB number	HW version	SW version	Diagnosis version	Pin
2215458232	06.07	06.20	0/7	101
FW number		FW number (data)	FW number (boot SW)	
2214420655				
Event	Text	Status		
9013	CAN controller: CAN bus OFF	Event STORED		
9014	The consumer shutoff is active.	Event STORED		
9016	Component G1/4 (Starter battery) has Undervoltage.	Event STORED		
9017	Control module N82/1 (Vehicle power supply control module) has detected overvoltage.	Event STORED		
9018	Component G1 (Vehicle electrical system battery) has Undervoltage.	Event STORED		
9026	No CAN message received from component N47-5 (ESP control unit).	Event STORED		
902C	The CAN message regarding the status of the HOLD function (ADAPTIVE BRAKE) of control unit N47-5 (ESP control unit) was not received.	Event STORED		

System diagnosis				- ✓ -
MB number	HW version	SW version	Diagnosis version	Pin
2215408945	05.42	06.48	0/4	101

FW number 2214480251	FW number (data)	FW number (boot SW)
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IC - Instrument cluster				i
MB number 2215403711	HW version 06.24	SW version 06.36	Diagnosis version 18/1	Pin 101
FW number 2214423621 2214420321 2214420221 2214423721	FW number (data)		FW number (boot SW)	
Event	Text	Status		
C037	No CAN message was received from control unit COMAND.	Event STORED		
C02F	No CAN message was received from control unit COMAND.	Event STORED		
C012	No CAN message was received from control unit Engine control module.	Event STORED		
C002	No CAN message was received from control unit Engine control module.	Event STORED		
C025	No CAN message was received from control unit Engine control module.	Event STORED		

ASSYST Active Service System				i
MB number 2215408945	HW version 05.42	SW version 05.11	Diagnosis version 0/4	Pin 101
FW number 2214480324	FW number (data)		FW number (boot SW)	
Event	Text	Status		
8704	Control unit ASSYST is not receiving any messages from the engine compartment CAN bus.	Event STORED		

ASSYST PLUS				- ✓ -
MB number 2215408945	HW version 05.42	SW version 06.51	Diagnosis version 0/6	Pin 101
FW number 2214480424	FW number (data)		FW number (boot SW)	

SCM [MRM] - Steering column module				- ✓ -
MB number 2215457832	HW version 05.42	SW version 04.42	Diagnosis version 0/1	Pin 101


PTS - Parktronic				- ✓ -
MB number 2215451032	HW version 05.41	SW version 05.34	Diagnosis version 0/3	Pin 101
FW number 2214420256	FW number (data)		FW number (boot SW)	


COMAND				- F - i
MB number 2218700692	HW version 06.27	SW version 07.09	Diagnosis version 17/17	Pin 101
Serial number BE701261050564	FW number 0004422460	FW number (data)	FW number (boot SW) 2214424360	
Code	Text	Status		
DFFF	The COMAND software is not up to date. (Not standard status)	Current and stored		


D100	MOST master reports open ring.	STORED
D241	CD/DVD drive : CD or DVD cannot be ejected.	STORED
Event		
Text		
Status		
D015	The MOST network was shut down due to insufficient battery voltage.	Event STORED
D014	The supply voltage is too high or too low.	Event STORED

Tuner - Tuner sound				- ✓ -
MB number 2218701889	HW version 06.25	SW version 06.46	Diagnosis version 1/7	Pin 101
Serial number BE702161085290	FW number 2214426860 2214426960	FW number (data) 2214427060	FW number (boot SW)	

CTEL - Mobile phone adapter with universal interface				- ✓ -
MB number 2218703126	HW version 05.41	SW version 06.50	Diagnosis version 1/6	Pin 101
Serial number DB70104310000000	FW number 0004424060	FW number (data)	FW number (boot SW)	

VCS - Voice control				
MB number 2218707326	HW version 05.48	SW version 06.43	Diagnosis version 1/6	Pin 101
Serial number TM311060247725	FW number 2214425365	FW number (data)	FW number (boot SW) 2214424565	
Event				Status
Text				
D090	Overvoltage or undervoltage in voltage supply (Tml.30).		Event STORED	

SDAR - Satellite radio				
MB number 2218207889	HW version 05.43	SW version 05.41	Diagnosis version 1/4	Pin 101
Serial number DL041965029449	FW number 2214423307	FW number (data)	FW number (boot SW)	
Event				Status
Text				
D010	The supply voltage of the control unit is too low (undervoltage).		Event STORED	

ZAN - Central display				
MB number 2218700389	HW version 06.24	SW version 05.11	Diagnosis version 1/4	Pin 101
FW number 2214420106	FW number (data)		FW number (boot SW)	
Event				Status
Text				
D010	The supply voltage of the control unit is too low (undervoltage).		Event STORED	

DTA - TELE AID				- f -
MB number 2214460259	HW version 06.12	SW version 05.25	Diagnosis version 2/71	Pin 101
Serial number NM00214922	FW number 2214420759	FW number (data) 2214422460 2214422360	FW number (boot SW)	
Code				Status
Text				
D690	CAN signal Vehicle speed faulty (RIZ)		STORED	

D691	Large deviation determined between wheel speed signal and speed computed based on GPS signal. Wheel speed =0 : GPS=20 km/h	STORED
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TELE AID - Telematic service Emergency call				- ✓ -
MB number 2034470059	HW version 06.12	SW version 05.25	Diagnosis version 2/64	Pin 101

TELE AID - Telematic services MB Info , Roadside assistance (USA, Canada), Tele diagnosis (ECE)				- ✓ -
MB number 2034470259	HW version 06.12	SW version 05.25	Diagnosis version 2/64	Pin 101

TELE AID - Telematic service Stolen vehicle tracking				- ✓ -
MB number 2034470159	HW version 06.12	SW version 05.25	Diagnosis version 2/64	Pin 101

TELE AID - Telematic services Remote door unlocking , Remote door locking				- ✓ -
MB number 2214470059	HW version 06.12	SW version 05.25	Diagnosis version 2/65	Pin 101

DCM-FL - Door control module front left				- f - i
MB number 2218701587	HW version 05.35	SW version 05.41	Diagnosis version 0/8	Pin 101
FW number 2214421832		FW number (data) 0054470932		FW number (boot SW)
Code	Text			Status
9006	The mirror lens adjustment on left has Open circuit.			STORED
900A	The mirror heater has Open circuit.			STORED
900E	Component E6/5 (Left exterior mirror turn signal lamp) has Open circuit.			STORED
9012	Signal from potentiometer M21/1r2 (Mirror adjustment up/down potentiometer) of mirror adjustment is faulty.			STORED
9013	Signal from potentiometer M21/1r3 (Mirror in/out adjustment potentiometer) of mirror adjustment is faulty.			STORED
Event	Text			Status
9021	The supply voltage of control unit N69/1 (Left front door control unit) is too low (undervoltage). Undervoltage is detected at a voltage < 8.5 V.			Event STORED

DCM-FR - Door control module front right				- F - i
MB number 2218701087	HW version 05.35	SW version 05.41	Diagnosis version 0/8	Pin 101
FW number 2214421832		FW number (data) 0054470632		FW number (boot SW)
Code	Text			Status
9008	The right mirror housing adjustment has Open circuit.			STORED
900A	The mirror heater has Open circuit.			Current and stored
Event	Text			Status
9021	The supply voltage of control unit N69/2 (Right front door control unit) is too low (undervoltage). Undervoltage is detected at a voltage < 8.5 V.			Event STORED

DCM-RL - Door control module rear left				i
MB number	HW version	SW version	Diagnosis version	Pin
2218704287	06.10	06.10	0/8	101
FW number		FW number (data)	FW number (boot SW)	
2214422132		0054473632		
Event	Text			Status
9021	The supply voltage of control unit N69/3 (Left rear door control unit) is too low (undervoltage). Undervoltage is detected at a voltage < 8.5 V.			Event STORED

DCM-RR - Door control module rear right				- f - i
MB number	HW version	SW version	Diagnosis version	Pin
2218704287	06.10	06.10	0/8	101
FW number		FW number (data)	FW number (boot SW)	
2214422132		0054473632		
Code	Text			Status
9031	S21/22 (Right rear door power window/roller blind switch group) : Component S21/22s3 (Left rear power window and side window roller blind switch) hanging.			STORED
9032	S21/22 (Right rear door power window/roller blind switch group) : Component S21/22s1 (Right rear power window and side window roller blind switch) hanging.			STORED
9034	S21/22 (Right rear door power window/roller blind switch group) : Component S21/22s4 (Rear window roller blind switch) hanging.			STORED
Event	Text			Status
9021	The supply voltage of control unit N69/4 (Right rear door control unit) is too low (undervoltage). Undervoltage is detected at a voltage < 8.5 V.			Event STORED

ESA-FL - Electric seat adjustment front left				- ✓ -
MB number	HW version	SW version	Diagnosis version	Pin
2218708586	05.30	05.50	0/4	101
FW number		FW number (data)	FW number (boot SW)	
2214421511				

ESA-FR - Electric seat adjustment front right				- ✓ -
MB number	HW version	SW version	Diagnosis version	Pin
2218708686	05.30	05.50	0/4	101
FW number		FW number (data)	FW number (boot SW)	
2214421611				

AAC - Automatic air conditioning				- f - i
MB number	HW version	SW version	Diagnosis version	Pin
2218709987	05.16	05.46	1/4	101
FW number		FW number (data)	FW number (boot SW)	
2214421005				
Code	Text			Status
960D	B32/2 (AAC sun sensor (4 in total)) : Communication fault of AC bus			STORED
Event	Text			Status
900B	Terminal 30 has undervoltage or overvoltage.			Event STORED