NISSAN DATA DICTIONARY

This Data Dictionary outlines the details of the vehicle data you are able to request, clearly categorized for ease of access. Please note that the availability and type of telematics data can differ based on your specific vehicle, its drive type, model and presence / absence of navigation.

#	CCS 2 QASHQAI MC (J12) LEAF (ZE2)	CCS 1/1.5 (w/NAVI) ARIYA (FE0) QASHQAI (J12) JUKE (F16) X-TRAIL (T33) LEAF (ZE1) NP300 NAVARA (D23)	CCS 1/1.5 (no NAVI) JUKE (F16) LEAF (ZE1) NP300 NAVARA (D23)	ICE TOWNSTAR PRIMASTAR INTERSTAR	EV TOWNSTAR MICRA PIXO	Data Category	Data Name (English Only)	Description	Data Type (English only)	Data Min Value	Data Max Value	Data Possible Value	Possible Value Meaning	#
1	✓	✓	✓	✓	✓	Descriptive Data	VIN	Vehicle Identification Number which is uniquely allocated to each car sold by Nissan.	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	1
2	✓	✓	✓	✓	✓	Descriptive Data	Timestamp	Time at which the data was extracted	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	2
3	✓	×	×	×	×	Descriptive Data	User ID	ID which is allocated to each person who registered as a member of Nissan.	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	3
4	✓	×	×	×	×	Descriptive Data	BCM_PositionDriverSide	Driver side position (Left Hand Drive / Right Hand Drive)	integer	0	0	[0,1]	{"0":"Left Side","1":"Right Side"}	4
5	✓	✓	✓	✓	✓	Odometer	StatusDistanceTotalizer	Total Vehicle Mileage Note: Corrected value, so could differ slightly from value shown on Instrument Cluster	float	0	2600000	km	Range: 0 - 2600000 Unit:km	5
6	×	✓	✓	×	×	Odometer	StatusDistanceTotalizerComputed	Corrected total mileage. This value is only calculated when the distance unit is set to "miles".	float	0	2600000	km	Range: 0 - 2600000 Unit:km	6
7	×	×	✓	×	×	Odometer	DistanceTotalizerUnit	Unit of distance for mileage as displayed in instrument cluster.	integer	0	0	km	["64" : "km", "96" : "MILE"]	7
8	✓	✓	✓	×	×	Geolocation	LocationLatitude	Vehicle's latitude coordinate	double	-90	90	°	Range: -90 - 90 Unit:°	8
9	✓	✓	✓	×	×	Geolocation	LocationLongitude	Vehicle's longitude coordinate	double	-180	180	°	Range: -180 - 180 Unit:°	9
10	✓	✓	✓	×	×	Geolocation	LocationHeading	Vehicle Heading direction visible in cluster	float	0	360	°	Range: 0 - 360 Unit: °	10
11	✓	✓	✓	×	×	Geolocation	LocationSource	Source of geolocation data	integer	0	0	0	{"0":"A-IVC (Alliance Inter-Vehicle Communication)","1":"A-IVI (Alliance In-Vehicle Infotainment)","2":"Unavailable"}	11
12	✓	×	×	×	×	Geolocation	LocationValidity	Indicates whether the location data is valid. If invalid, the last known valid location continues to be used.	integer	0	0	0	{"0":"Valid","1":"Not valid","2":"Unavailable"}	12
13	✓	×	×	×	×	Geolocation	LastKnownlocationaltitude	Vehicle's altitude	integer	-20000	20000	m	Range: -20000 - 20000 Unit: m	13
14	✓	×	×	×	×	Vehicle Autonomy	FuelGaugeDisplayValue	Remaining amount of fuel in the fuel tank as shown on the fuel indicator in the Instrument Panel	integer	0	100	0	Range: 0 - 100 Unit: %	14
15	✓	✓	✓	×	×	Vehicle Autonomy	FuelLowLevel	Status of Low fuel level indicator	integer	0	0	0	{"0":"Fuel level OK","1":"Fuel level low"}	15
16	×	×	×	✓	×	Vehicle Autonomy	FuelDisplayedLevel	Amount of fuel in the tank. Note: 0 indicates 'reserve level'	float	0	80	L	Range: 0-80 Unit: L	16
17	✓	✓	✓	×	✓	Vehicle Autonomy	EVHVBatteryEnergyLevel	Current State Of Charge (SOC) of the battery as displayed in the Instrument Panel	float	0.01	100	0	Range: 0 - 100 Unit: %	17
18	✓	×	×	×	✓	Vehicle Autonomy	EVChargePlugConnected	Charging cable connection status	integer	0	0	[0,1,2,3]	{"0":"No display request (Charging Plug is NOT Connected)","1":"Charging Plug is Connected","2":"Powertrain Start impossible - Plug Connected","3":"Unavailable value"}	18
19	✓	×	×	×	✓	Vehicle Autonomy	ChargeStatus	Charging Session Status - here are a few specifics: #9. V2G-Vehicle-to-Grid - standby status: vehicle is ready to engage into either sending back electricity to the grid and can reduce the need for fossile fuel during peak hours or charging the vehicle from the grid #10."V2L-Vehicle-to-Load Outside: active status - the vehicle is becoming a power source for devices, appliances or tools. #11.V2G-Vehicle-to-Grid in discharge: vehicle is sending back electricity to the grid and can reduce the need for fossile fuel during peak hours #12."V2G-Vehicle-to-Grid in charge: charging the vehicle from the grid to be at the desired charging level before time requested	integer	0	0	[0,1,10,11,12,13,14,15,2,3,4,5,6,7,8,9]	{"0":"No charge","1":"Waiting a planned charge","2":"Ended charge","3":"Charge in progress","4":"Charge failure","5":"Waiting for current charge","6":"Energy Flap opened: welcome MMI - Multi-Media Interface","7":"Stopped charge (SOC-State Of Charge is not full)","8":"Charging is continue with full SOC-State Of Charge","9":"V2G-Vehicle-to-Grid","10":"V2L-Vehicle-to-Load Outside","11":"V2G-Vehicle-to-Grid in discharge","12":"V2G-Vehicle-to-Grid in charge","13":"Not used","14":"Not used","15":"Not used"}	19
20	✓	✓	×	×	×	Vehicle Autonomy	HVBatteryChargeType	Type of charge "V2H - Vehicle-to-Home" is the ability to use the vehicle to power a personal house."V2G - Vehicle-to-Grid" is the ability to use the vehicle to provide energy back to the grid. This can help stabilize the grid during peak demand periods. This feature is currently not in use (2025).	integer	0	0	[0,1,2,3,4,5,6,7,8,9]	{"0":"No charge","1":"Normal charge","2":"Accelerated charge","3":"Fast charge","4":"Quick charge","5":"Ultra fast","6":"Not used","7":"Unavailable","8":"V2H","9":"V2G"}	20
21	×	×	×	×	✓	Vehicle Autonomy	ChargeStartDate	Start date and time of the charging session - UTC Coordinated Universal Time (replaced GMT)	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	21
22	×	×	×	×	✓	Vehicle Autonomy	ChargeEndDate	End date and time of the charging session - UTC Coordinated Universal Time (replaced GMT)	Not Defined	Not Defined	Not Defined	Not Defined	Not Defined	22
23	×	×	×	×	✓	Vehicle Autonomy	ChargeDuration	Duration of the charging session (in seconds)	float			min	Range: All Unit:s	23
24	×	×	×	×	✓	Vehicle Autonomy	ChargeEndStatus	Status of the charging session - OK: charging session ended properly, ERROR - an error occurred during charge which may not be completed	integer				{"ok","error"}	24
25	×	×	×	×	✓	Vehicle Autonomy	ChargeEnergy	Energy recovered during the charging session	float	0	100	kW	Range: 0 - 100 Unit: kWh	25
26	×	×	×	×	✓	Vehicle Autonomy	ChargeStartBatteryLevel	Battery State Of Charge (SOC) at the start of the charging session, visible in instrument Cluster	float	0.01	100	%	Range: 0 - 100 Unit: %	26
27	×	×	×	×	✓	Vehicle Autonomy	ChargeEndBatteryLevel	Battery State Of Charge (SOC) at the end of the charging session, visible in Instrument Cluster	float	0.01	100	%	Range: 0 - 100 Unit: %	27
28	✓	✓	✓	×	×	Trip Information	SpeedDisplayedValueinkmh	Speed of the vehicle as displayed on the Instrument Panel	float	0	409.4	0	Range: 0 - 409.4 Unit: km/h	28
29	✓	×	×	×	×	Trip Information	StatusSpeedUnit	Unit of speed measurement for the vehicle	integer	0	0	[0,1]	{"0":"Speed Unit in km/h","1":"Speed Unit in mph"}	29
30	✓	×	×	×	×	Trip Information	EngineRPM	How fast the engine shaft is spinning in a minute at any given moment (rpm=revolution per minute)	float	0	8191.75	0	Range: 0 - 8191.75 Unit: rpm	30
31	×	✓	✓	×	×	Trip Information	AcceleratorPedalOpeningRatio	This data indicates the Accelerator Pedal opening ratio for gear change control of Automatic Tansmission (AT) and Continuously Variable Transmission (CVT). It is a measure of fuel economy.	float	0	125	0	Range: 0 - 125 Unit: %	31
32	✓	×	×	×	×	Trip Information	EngineRawSensor	Percentage of engine torque (0-125% scale); the percentage can exceed the nominal maximum value of 100% for a short time in 'overboost' situation for example.	float	0	125	0	Range: 0-125 Unit:**%**	32
33	✓	×	×	×	×	Trip Information	AdaptativeCruiseControlDisplaySpeedSetting	Speed setting for Adaptive Cruise Control	integer	0	255	0	Range: 0 - 255 Unit: kph/mph	33

#	CCS 2	CCS 1/1.5 (w/NAVI)	CCS 1/1.5 (no NAVI)	ICE	EV	Data Category	Data Name (English Only)	Description	Data Type (English only)	Data Min Value	Data Max Value	Data Possible Value	Possible Value Meaning	#
34	✓	×	×	×	×	Trip Information	AdaptativeCruiseControlDisplayDistanceSetting	Distance setting from 'vehicle in front' for Adaptive Cruise Control	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"No display","1":"Short distance","2":"Middle distance","3":"Long distance","4":"Reglementary detected distance","5":"Very long distance","6":"Reserved","7":"Reserved"}	34
35	✓	×	×	×	×	Trip Information	ACCTargetDistanceDisplay	Visual indication of the distance from 'vehicle in front' on display for Adaptive Cruise Control	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"No detected target","1":"Long detected distance","2":"Middle detected distance","3":"Short detected distance","4":"Reglementary detected distance","5":"Reserved","6":"Reserved","7":"Reserved"}	35
36	✓	✓	✓	×	×	Trip Information	SeatBeltFirstRowDriver	Status of the driver's seat belt	integer	0	0	[0,1,2,3]	{"0":"Seatbelt Not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	36
37	✓	×	×	×	×	Trip Information	SeatBeltFirstRowCenter	Status of the first row centre passenger's seat belt. Value "Seatbelt not monitored" in case of no central seat in the front row.	integer	0	0	[0,1,2,3]	{"0":"Seatbelt Not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	37
38	✓	✓	✓	×	×	Trip Information	SeatBeltFirstRowPassenger	Status of the front row passenger's seat belt	integer	0	0	[0,1,2,3]	{"0":"Seatbelt Not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	38
39	✓	✓	✓	×	×	Trip Information	SeatBeltSecondRowCenter	Status of the second row centre passenger's seat belt. Value "Seatbelt not monitored" in case of no central seat in the second row.	integer	0	0	[0,1,2,3]	{"0":"Seatbelt not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	39
40	✓	✓	✓	×	×	Trip Information	SeatBeltSecondRowLeft	Status of the second row left passenger's seat belt. Value "Seatbelt not monitored" in case of no second row seat.	integer	0	0	[0,1,2,3]	{"0":"Seatbelt not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	40
41	✓	✓	✓	×	×	Trip Information	SeatBeltSecondRowRight	Status of the second row right passenger's seat belt. Value "Seatbelt not monitored" in case of no second row seat.	integer	0	0	[0,1,2,3]	{"0":"Seatbelt not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	41
42	✓	×	×	×	×	Trip Information	SeatBeltThirdRowCenter	Status of the third row middle passenger's seat belt. Value "Seatbelt not monitored" in case of no third row seat.	integer	0	0	[0,1,2,3]	{"0":"Seatbelt Not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	42
43	✓	×	×	×	×	Trip Information	SeatBeltThirdRowLeft	Status of the third row left passenger's seat belt. Value "Seatbelt not monitored" in case of no third row seat.	integer	0	0	[0,1,2,3]	{"0":"Seatbelt Not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	43
44	✓	×	×	×	×	Trip Information	SeatBeltThirdRowRight	Status of the third row right passenger's seat belt. Value "Seatbelt not monitored" in case of no third row seat.	integer	0	0	[0,1,2,3]	{"0":"Seatbelt Not monitored","1":"Seatbelt unfastened","2":"Seatbelt fastened","3":"Unavailable"}	44
45	✓	×	×	×	×	Trip Information	PresencePassenger	Passenger presence status. "Present": weight detected by pressure sensor (any type, including animals or luggage). "Absent": no weight detected. "Unknown": seatbelt fastened. "Not monitored": no pressure sensor in seat (or no seat).	integer	0	0	[0,1,2,3]	{"0":"Not monitored","1":"Present","2":"Absent","3":"Unknown"}	45
46	✓	×	×	×	×	Trip Information	CustomerPresenceFirstRowCenter	Status of the first row centre passenger presence. "Present": weight detected by pressure sensor (any type, including animals or luggage). "Absent": no weight detected. "Unknown": seatbelt fastened. "Not monitored": no pressure sensor in seat (or no seat).	integer	0	0	[0,1,2,3]	{"0":"Not monitored","1":"Present","2":"Absent","3":"Unknown"}	46
47	✓	×	×	×	×	Trip Information	CustomerPresenceSecondRowCenter	Status of the second row centre passenger presence. "Present": weight detected by pressure sensor (any type, including animals or luggage). "Absent": no weight detected. "Unknown": seatbelt fastened. "Not monitored": no pressure sensor in seat (or no seat).	integer	0	0	[0,1,2,3]	{"0":"Not monitored","1":"Present","2":"Absent","3":"Unknown"}	47
48	✓	×	×	×	×	Trip Information	CustomerPresenceSecondRowLeft	Status of the second row left passenger presence. "Present": weight detected by pressure sensor (any type, including animals or luggage). "Absent": no weight detected. "Unknown": seatbelt fastened. "Not monitored": no pressure sensor in seat (or no seat).	integer	0	0	[0,1,2,3]	{"0":"Not monitored","1":"Present","2":"Absent","3":"Unknown"}	48
49	✓	×	×	×	×	Trip Information	CustomerPresenceSecondRowRight	Status of the second row right passenger presence. "Present": weight detected by pressure sensor (any type, including animals or luggage). "Absent": no weight detected. "Unknown": seatbelt fastened. "Not monitored": no pressure sensor in seat (or no seat).	integer	0	0	[0,1,2,3]	{"0":"Not monitored","1":"Present","2":"Absent","3":"Unknown"}	49
50	✓	×	×	×	×	Trip Information	CustomerPresenceThirdRowCenter	Status of the third row centre passenger presence. "Present": weight detected by pressure sensor (any type, including animals or luggage). "Absent": no weight detected. "Unknown": seatbelt fastened. "Not monitored": no pressure sensor in seat (or no seat).	integer	0	0	[0,1,2,3]	{"0":"Not monitored","1":"Present","2":"Absent","3":"Unknown"}	50
51	✓	×	×	×	×	Trip Information	CustomerPresenceThirdRowLeft	Status of the third row left passenger presence. "Present": weight detected by pressure sensor (any type, including animals or luggage). "Absent": no weight detected. "Unknown": seatbelt fastened. "Not monitored": no pressure sensor in seat (or no seat).	integer	0	0	[0,1,2,3]	{"0":"Not monitored","1":"Present","2":"Absent","3":"Unknown"}	51
52	✓	×	×	×	×	Trip Information	CustomerPresenceThirdRowRight	Status of the third row right passenger presence. "Present": weight detected by pressure sensor (any type, including animals or luggage). "Absent": no weight detected. "Unknown": seatbelt fastened. "Not monitored": no pressure sensor in seat (or no seat).	integer	0	0	[0,1,2,3]	{"0":"Not monitored","1":"Present","2":"Absent","3":"Unknown"}	52
53	✓	×	×	×	×	System Safety Alerts	ActivationStateFCW	ON/OFF status of Automatic Emergency Braking (AEB) and Forward Collision Warning (FCW)	integer	0	0	[0,1,3]	{"0":"AEB OFF / FCW OFF","1":"AEB OFF / FCW ON","3":"AEB ON / FCW ON"}	53
54	✓	✓	✓	×	×	System Safety Alerts	CrashDetectionOutOfOrder	Malfunction status of crash sensors	integer	0	0	[0,1,2,3]	{"0":"Detection functional","1":"Malfunction for rear crash","2":"Malfunction for side or front crash","3":"Malfunction for crash detection"}	54
55	✓	✓	✓	×	×	System Safety Alerts	StatusMIL_LampRequest	Status of Malfunction Indicator Lamp (MIL): 0: MIL lamp OFF: normal condition 1: MIL lamp ON: lamp is illuminated to indicate a faulty condition. 2: MIL lamp flashing: lamp is flashing to indicate a faulty condition of higher severity, such as the risk of catalytic converter damage - you should stop the engine as soon as it's safe to do so. 3: MIL lamp auto-test: lamp is illuminated to check that it is functioning properly.	integer	0	0	0	{"0":"MIL-Malfunction Indicator Lamp OFF","1":"MIL lamp ON","2":"MIL lamp flash - higher severity","3":"MIL lamp auto-test"}	55
56	✓	✓	✓	×	×	System Safety Alerts	ESCABSMalfunction	Malfunction status of the Anti-lock Braking System (ABS)	integer	0	0	0	{"0":"No ABS malfunction","1":"ABS malfunction"}	56
57	✓	×	×	×	×	System Safety Alerts	CrashAirbagMalfunction	Malfunction status of the airbag system	integer	0	0	0	{"0":"no AIRBAG system malfunction","1":"AIRBAG system malfunction"}	57
58	✓	×	×	×	×	System Safety Alerts	PowerLimitationAlert	Status of SLOW Lamp: Indicates the visual activation of the 'Tortoise' icon on the cluster, signaling that the vehicle has entered a limited power mode to protect internal systems from damage.	integer	0	0	0	{"0":"No alert","1":"Alert"}	58
59	✓	×	×	×	×	System Safety Alerts	AEBStatusDisplay	Status of the Automatic Emergency Braking (AEB) indicator. Alerts of system in standby, active braking warning and system fault indicators.	integer	0	0	0	{"0":"No display","1":"AEB (Automatic Emergency Braking) OFF","2":"in operation","3":"Not in operation","4":"Temporary failure","5":"Permanent failure","6":"Initial","7":"Not Used"}	59
60	✓	×	×	×	×	System Safety Alerts	AFUFailure	Malfunction status of the Emergency Braking Assistance system: the system uses an electric motor to help apply the brakes, and this message only appears on vehicles that have this EBB-Electronic Brake Booster feature.	integer	0	0	0	{"0":"No emergency braking failure","1":"Emergency braking failure"}	60
61	✓	×	×	×	×	System Safety Alerts	SteeringStatus	Warning status of the Electric Power Steering (EPS) system: system using electric motor to help the driver turning the steering wheel	integer	0	0	0	{"0":"No EPS warning","1":"EPS failure level 1","2":"EPS failure level 2","3":"EPS meter lamp check"}	61
62	✓	×	×	×	×	System Safety Alerts	ESCEBDStateDisplay	Failure status of the Electronic Brakeforce Distribution (EBD) system: reduces the stopping distance and improves stability during braking.	integer	0	0	0	{"0":"No failure","1":"Failure"}	62
63	✓	×	×	×	×	System Safety Alerts	EV_AlertCRBS_FailureDisplay	Failure alert for Cooperative Regenerative Braking System (CRBS) at the brake pedal: braking system for hybrid or electric vehicles allowing regenerative braking or friction braking	integer	0	0	0	{"0":"No Failure","1":"Failure"}	63

#	CCS 2	CCS 1/1.5 (w/NAVI)	CCS 1/1.5 (no NAVI)	ICE	EV	Data Category	Data Name (English Only)	Description	Data Type (English only)	Data Min Value	Data Max Value	Data Possible Value	Possible Value Meaning	#
64	✓	✓	✓	×	×	System Safety Alerts	ESCBrakingFailureStatus	Electronic stability control (ESC), also referred to as electronic stability program (ESP) failure status. ESC is a computerized technology that improves a vehicle's stability by detecting and reducing loss of traction (skidding) by using brakes.	integer	0	0	0	{"0":"No failure","1":"Failure"}	64
65	✓	✓	✓	×	×	System Safety Alerts	OilPressureWarning	Status of warning indicator for low engine oil pressure	integer	0	0	0	{"0":"No Oil Pressure Warning","1":"Oil Pressure Warning"}	65
66	✓	✓	✓	×	×	System Safety Alerts	StatusOilPressureSwitch	Oil pressure alert. Indicates oil pressure switch state: 0 = switch open, meaning normal operation and 1 = switch closed, meaning faulty or abnormal condition.	integer	0	0	0	{"0":"No Oil Pressure Warning","1":"Oil Pressure Warning"}	66
67	✓	×	×	×	×	System Safety Alerts	ParkFailure	Automatic transmission park failure status	integer	0	0	0	{"0":"No park failure","1":"Park Failure"}	67
68	✓	×	×	×	×	System Safety Alerts	BatteryHighLevelAlert	12V Battery low-level status indicator	integer	0	0	0	{"0":"Not used","1":"No Alert","2":"Alert","3":"Unavailable value"}	68
69	✓	✓	×	×	×	System Safety Alerts	StatusWheelStateFrontLeft	Front left tyre inflation status The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Pressure ok and no failure","1":"Failure","2":"Underinflation","3":"Underinflation and failure","4":"Puncture","5":"Puncture and failure","6":"Puncture and underinflation","7":"Puncture and underinflation and failure"}	69
70	✓	✓	×	×	×	System Safety Alerts	StatusWheelStateFrontRight	Front right tyre inflation status The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Pressure ok and no failure","1":"Failure","2":"Underinflation","3":"Underinflation and failure","4":"Puncture","5":"Puncture and failure","6":"Puncture and underinflation","7":"Puncture and underinflation and failure"}	70
71	✓	✓	×	×	×	System Safety Alerts	StatusWheelStateRearLeft	Rear left tyre inflation status The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Pressure ok and no failure","1":"Failure","2":"Underinflation","3":"Underinflation and failure","4":"Puncture","5":"Puncture and failure","6":"Puncture and underinflation","7":"Puncture and underinflation and failure"}	71
72	✓	✓	×	×	×	System Safety Alerts	StatusWheelStateRearRight	Rear right tyre inflation status The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Pressure ok and no failure","1":"Failure","2":"Underinflation","3":"Underinflation and failure","4":"Puncture","5":"Puncture and failure","6":"Puncture and underinflation","7":"Puncture and underinflation and failure"}	72
73	✓	✓	✓	×	×	System Safety Alerts	StatusWheelTPMSTpmsWarningLampRequest	Status of Tire Pressure Monitoring System (TPMS) warning lamp	integer	0	0	0	{"0":"TPMS warning lamp is OFF","1":"TPMS warning lamp is ON"}	73
74	✓	×	×	×	×	System Safety Alerts	StateActivation	Activation status of Lane Departure Warning (LDW)	integer	0	0	[0,1,2,3]	{"0":"Unavailable","1":"Activated","2":"Deactivated","3":"Not used"}	74
75	✓	×	×	×	×	System Safety Alerts	BatteryLowLevelAlert	Status of Alert for low-level 12V battery	integer	0	0	0	{"0":"Unavailable","1":"No alert","2":"Alert","3":"Not used"}	75
76	✓	✓	✓	×	×	System Safety Alerts	StatusBrakeLowFluidLevel	Status of the brake fluid level	integer	0	0	0	{"0":"Unavailable","1":"No brake system malfunction","2":"Brake system malfunction"}	76
77	✓	✓	×	×	×	Vehicle Information	StatusWheelPressureFrontRight	Front right tyre pressure reading. The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	float	0	7620	0	Range: 0 - 7620 Unit: mbar	77
78	✓	✓	×	×	×	Vehicle Information	StatusWheelPressureFrontLeft	Front left tyre pressure reading. The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	float	0	7620	0	Range: 0 - 7620 Unit: mbar	78
79	✓	✓	×	×	×	Vehicle Information	StatusWheelPressureRearRight	Rear right tyre pressure reading. The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	float	0	7620	0	Range: 0 - 7620 Unit: mbar	79
80	✓	✓	×	×	×	Vehicle Information	StatusWheelPressureRearLeft	Rear left tyre pressure reading. The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	float	0	7620	0	Range: 0 - 7620 Unit: mbar	80
81	✓	✓	×	×	×	Vehicle Information	StatusWheelPressureFrontAxle	Front axle Tyre Pressure Monitoring System reading The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	float	150	760	0	Range: 150 - 760 Unit: KPa	81
82	✓	✓	×	×	×	Vehicle Information	StatusWheelPressureRearAxle	Rear axle Tyre Pressure Monitoring System reading The tyre pressure monitoring system only updates when the vehicle is moving. If the car has been parked for a long time, it will continue displaying old tyre pressure values until it starts running again.	float	150	760	0	Range: 150 - 760 Unit: KPa	82
83	✓	×	×	×	×	Vehicle Information	WheelPressurestateFrontLeft	Status of the Tire Pressure Monitoring System for the front left wheel	integer	0	0	[0,1]	{"0":"Pressure up to date","1":"Pressure not up to date"}	83
84	✓	×	×	×	×	Vehicle Information	WheelPressurestateFrontRight	Status of the Tire Pressure Monitoring System for the front right wheel	integer	0	0	[0,1]	{"0":"Pressure up to date","1":"Pressure not up to date"}	84
85	✓	×	×	×	×	Vehicle Information	WheelPressurestateRearLeft	Status of the Tire Pressure Monitoring System for the rear left wheel	integer	0	0	[0,1]	{"0":"Pressure up to date","1":"Pressure not up to date"}	85
86	✓	×	×	×	×	Vehicle Information	WheelPressurestateRearRight	Status of the Tire Pressure Monitoring System for the rear right wheel	integer	0	0	[0,1]	{"0":"Pressure up to date","1":"Pressure not up to date"}	86
87	✓	✓	✓	×	×	Vehicle Information	RearFogLightsStatus	Status of rear fog lights	integer	0	0	[0,1]	{"0":"rear fog light off","1":"rear fog light on"}	87
88	✓	✓	✓	×	×	Vehicle Information	LightningExternalDRL	Status of daytime running lights	integer	0	0	[0,1]	{"0":"Day time running light not requested","1":"Day time running light request"}	88
89	✓	✓	✓	×	×	Vehicle Information	PositionLightsStatus	Status of position lights	integer	0	0	[0,1]	{"0":"Position lights off","1":"Position lights on"}	89
90	✓	✓	×	×	×	Vehicle Information	LightningHighBeam	Status of high-beam headlights	integer	0	0	[0,1]	{"0":"High beam display not requested","1":"High beam display requested"}	90
91	✓	✓	✓	×	×	Vehicle Information	LightningFrontFogLight	Status of front fog lights	integer	0	0	[0,1]	{"0":"front fog lights not requested","1":"front fog lights requested"}	91
92	✓	×	×	×	×	Vehicle Information	LightingWarningLightsStatus	Warning lights status - either manual or automatic (during emergency braking for example)	integer	0	0	[0,1]	{"0":"Warning Lights OFF","1":"Warning Lights ON"}	92
93	✓	×	×	×	×	Vehicle Information	BrakeLampStatus	Status of the brake light lamp - either manual or automatic (during emergency braking for example)	integer	0	0	[0,1]	{"0":"Brake Lamp Off","1":"Brake Lamp On"}	93
94	✓	×	×	×	×	Vehicle Information	LightningFlashingIndicator	Status of the flashing light indicators	integer	0	0	[0,1,2,3,7]	{"0":"left and right flashing indicators OFF","1":"left flashing indicator ON and right flashing indicator OFF","2":"left flashing indicator OFF and right flashing indicator ON","3":"left flashing indicator ON and right flashing indicator ON","7":"Unavailable"}	94
95	✓	✓	✓	×	×	Vehicle Information	LightningLowBeam	Status of the low beam headlights request	integer	0	0	[0,1]	{"0":"low beam display not requested","1":"low beam display requested"}	95
96	✓	✓	✓	×	×	Vehicle Information	EngineCoolantTemp	Temperature of the engine coolant for internal combustion engine (not available for Electric Vehicles)	float	-40	214	0	Range: -40-214 Unit:℃	96
97	✓	×	×	×	×	Vehicle Information	SunroofPosition	Position of sunroof	integer	0	0	[0,1,10,11,12,13,14,15,2,3,4,5,6,7]	{"0":"Window position invalid","1":"Window position 0 (closed)","2":"Window sector 01","3":"Window position 1","4":"Window sector 12","5":"Window position 2","6":"Window sector 23","7":"Window position 3","8":"Window sector 34","9":"Window position 4","10":"Window sector 45","11":"Window position 5","12":"Window sector 56","13":"Window position 6","14":"Window sector 67","15":"Window position 7"}	97

#	CCS 2	CCS 1/1.5 (w/NAVI)	CCS 1/1.5 (no NAVI)	ICE	EV	Data Category	Data Name (English Only)	Description	Data Type (English only)	Data Min Value	Data Max Value	Data Possible Value	Possible Value Meaning	#
98	✓	✓	✓	×	×	Vehicle Information	ExternalTempDisplayValue	External temperature value as shown on the instrument cluster. Note: Until a valid value is obtained, the display will be 'FFh'. Depending on vehicle usage conditions, this may differ from the actual outside air temperature.	float	-40	140	0	Range: -40 – 140 Unit: (in °C or °F depending on unit selected)	98
99	✓	✓	✓	×	×	Vehicle Information	ExternalTempDisplayUnit	Unit used for displaying the external temperature	integer	0	0	0	{"0":"Display mode in °C","1":"Display mode in °F"}	99
100	×	×	✓	×	×	Vehicle Information	HVACEVStatusofAC	Air conditioner's ON/OFF status	integer	0	0	[0,1]	{"0":"OFF","1":"ON"}	100
101	×	×	✓	×	×	Vehicle Information	EV_HeaterStatus	Heater's ON / OFF status	integer	0	0	[0,1]	{"0":"OFF","1":"ON"}	101
102	✓	×	×	×	×	Vehicle Information	HVAC_Temperature	HVAC (Heating, Ventilation and Air Conditioning) left climate zone temperature	float	0	127.5	0	Range: 0-127.5 Unit:°C	102
103	✓	×	×	✓	✓	Vehicle Information	HVACTemperatureCabinCurrentValue	Heating, Ventilation, and Air Conditioning (HVAC) current temperature inside the cabin of the vehicle	float	-40	60	0	Range: -40 – 60 Unit: °C	103
104	✓	×	×	×	×	Vehicle Information	HVAC_FanBlowerMotorStatus	HVAC (Heating, Ventilation and Air Conditioning) blower status.	integer	0	0	[0,1]	{"0":"Blower fan motor off","1":"Blower fan motor on"}	104
105	✓	×	×	×	×	Vehicle Information	ICE_HVAC_DisplayClimBlowerLevel	HVAC (Heating, Ventilation and Air Conditioning) blower speed levels.	integer	0	0	[0,1,10,11,12,13,14,15,2,3,4,5,6,7	7":"Level 8","9":"Level 9","10":"Level 10","11":"Level 11","12":"Level 12","13":"Level 13","14":"Level 14","15":"Blower Off"}	105
106	✓	×	×	×	×	Vehicle Information	ICE_HVAC_DisplayClimForcedRecy	HVAC (Heating, Ventilation and Air Conditioning) air recirculation status.	integer	0	0	[0,1,2]	{"0":"No display","1":"Recycling On","2":"Recycling OFF"}	106
107	✓	×	×	×	×	Vehicle Information	HVAC_RecyclingAutoDisplay	HVAC (Heating, Ventilation and Air Conditioning) automatic air recirculation status.	integer	0	0	[0,1,2,3]	{"0":"Unavailable value","1":"Automatic Recycling not in progress","2":"Automatic Recycling in progress","3":"Not Used"}	107
108	✓	×	×	✓	✓	Vehicle Information	PresoakActivationStatus	Remote activation of air conditioninng	integer	0	0	[0,1,2,3]	{"0":"Pre-conditioning Forbidden","1":"No Pre-conditioning in progress","2":"Pre-conditioning in progress","3":"Unavailable"}	108
109	✓	×	×	×	×	Vehicle Information	GearBoxAutoLeverPosition	Gearbox lever selection	integer	0	0	[0,1,10,11,12,13,14,15,2,3,4,5,6,7	{"0":"Parking - P","1":"Reverse - R","2":"Neutral - N","3":"Drive - D","4":"Manual mode - M","5":"L-Low gear","6":"Ds-Drive Sport","7":"Confirmed lever position (no switch signal)","8":"B (Brake)","9":"Not used","10":"Not used","11":"Not used","12":"Not used","13":"Not used","14":"Not used","15":"Not available"}	109
110	✓	×	×	×	×	Vehicle Information	GearBoxAutomaticRangeIndication	Gear or mode of gearbox that is currently in operation.	integer	0	0	[0,1,10,11,12,13,14,15,16,17,18,1	{"0":"OFF","1":"P-Parking","2":"R-Reverse","3":"N-Neutral","4":"D-Drive","5":"S-Sport","6":"L-Low gear","7":"B-Brake","8":"1st gear","9":"2nd gear","10":"3rd gear","11":"4th gear","12":"5th gear","13":"6th gear","14":"7th gear","15":"8th gear","16":"9th gear","17":"10th gear","18":"Not used","19":"Not used","20":"Manual 1st","21":"Manual 2nd","22":"Manual 3rd","23":"Manual 4th","24":"Manual 5th","25":"Manual 6th","26":"Manual 7th","27":"Manual 8th","28":"Manual 9th","29":"Manual 10th","30":"Not used","31":"Not used","32":"Auto 1st","33":"Auto 2nd","34":"Auto 3rd","35":"Auto 4th","36":"Auto 5th","37":"Auto 6th","38":"Auto 7th","39":"Auto 8th","40":"Auto 9th","41":"Auto 10th","42":"Not used","43"-"63":"Not used"}	110
111	✓	×	×	×	×	Vehicle Information	ePedalModeDisplayRequest	Status of the e-Pedal mode	integer	0	0	[0,1]	{"0":"No display","1":"ePedal Mode Active ON"}	111
112	✓	×	×	×	×	Vehicle Information	DriveModeState	Driving mode status	integer	0	0	[0,1,10,11,12,13,14,15,16,17,18,1	{"0":"Mode 0=NORMAL/STANDARD/AUTO","1":"Mode 1=ECO","2":"Mode 2=SPORT/TRACK","3":"Mode 3=SPORT+/POWER","4":"Mode 4=COMFORT","5":"Mode 5=PERSONAL","6":"Mode 6=SNOW","7":"Mode 7","8":"Mode 8=OFF-ROAD/GRAVEL","9":"Mode 9=MUD/RUT","10":"Mode 10=SAND","11":"Mode 11=TOW","12":"Mode 12=ALL ROAD/ROCK","13":"Mode 13=EXTREM","14":"Mode 14=PERFO","15":"Mode 15=VITAMIN","16":"Mode 16=RACE","17":"Mode 17","18":"Mode 18","19":"Mode 19","20":"Mode 20","21":"Mode 21","22":"Mode 22","23":"Mode 23","24":"Mode 24","25":"Mode 25","26":"Mode 26","27":"Mode 27","28":"Mode 28","29":"Mode 29","30":"Mode 30","31":"Unavailable"}	112
113	✓	×	×	×	×	Vehicle Information	EngineAirTemperature	Engine air temperature in the intake manifold (air delivery system to the engine). Some of the data might be off or unreliable because the sensor did not work properly or the conditions were unusual when the data was collected. For Nissan Qashqai (J12), we know that -40°C is the default value displayed when there's an error.	integer	-40	86	0	Range: -40 – 86 Unit: °C	113
114	✓	×	×	×	×	Vehicle Information	CrashAirbagPassengerInhibition	Status of passenger airbag inhibition	integer	0	0	0	{"0":"Passenger AIRBAG not inhibited","1":"Passenger AIRBAG inhibited"}	114
115	✓	×	×	×	×	Vehicle Information	WindowsFrontLeftPosition	Instantaneous position of the front left window	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Window position invalid","1":"Window fully closed (Hardware or Software block position)","2":"Window Short Drop position","3":"Window in intermediate position (upper than RCU position)","4":"Window RCU Drop position","5":"Window in intermediate position (default or lower than RCU position)","6":"Window fully open (Software block position)","7":"Window fully open (Hardware block position)"}	115
116	✓	×	×	×	×	Vehicle Information	WindowsFrontRightPosition	Instantaneous position of the front right window	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Window position invalid","1":"Window fully closed (Hardware or Software block position)","2":"Window Short Drop position","3":"Window in intermediate position (upper than RCU position)","4":"Window RCU Drop position","5":"Window in intermediate position (default or lower than RCU position)","6":"Window fully open (Software block position)","7":"Window fully open (Hardware block position)"}	116
117	✓	×	×	×	×	Vehicle Information	WindowsRearRightPosition	Status of the instantaneous position of the rear right window	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Window position invalid","1":"Window fully closed (Hardware or Software block position)","2":"Window Short Drop position","3":"Window in intermediate position (upper than RCU position)","4":"Window RCU Drop position","5":"Window in intermediate position (default or lower than RCU position)","6":"Window fully open (Software block position)","7":"Window fully open (Hardware block position)"}	117
118	✓	×	×	×	×	Vehicle Information	StatusIgnitionSwitchPosition	Vehicle ignition switch status	integer	0	0	[0,1]	{"0":"Out of Ignition position","1":"Turned to Ignition or Starting position"}	118
119	✓	×	×	×	×	Vehicle Information	DoorsDriverLocked	Lock status of the driver side door.	integer	0	0	[0,1]	{"0":"Driver Door Unlocked","1":"Driver Door Locked"}	119
120	✓	×	×	×	×	Vehicle Information	DoorsPassengerLocked	Lock status of the front passenger's door	integer	0	0	[0,1]	{"0":"Passenger Door Unlocked","1":"Passenger Door Locked"}	120
121	✓	×	×	×	×	Vehicle Information	DoorsRearRightLocked	Lock status of the rear right door	integer	0	0	[0,1]	{"0":"Rear Right Door Unlocked","1":"Rear Right Door Locked"}	121
122	✓	×	×	×	×	Vehicle Information	DoorsRearLeftLocked	Lock status of the rear left door	integer	0	0	[0,1]	{"0":"Rear Left Door Unlocked","1":"Rear Left Door Locked"}	122
123	✓	×	×	×	×	Vehicle Information	DoorsBackLocked	Status of the back door lock	integer	0	0	[0,1]	{"0":"Back Door is Unlocked","1":"Back Door is Locked"}	123
124	✓	×	×	×	×	Vehicle Information	WindowsRearLeftPosition	Instantaneous position of the left rear window	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Window position invalid","1":"Window fully closed (Hardware or Software block position)","2":"Window Short Drop position","3":"Window in intermediate position (upper than RCU position)","4":"Window RCU Drop position","5":"Window in intermediate position (default or lower than RCU position)","6":"Window fully open (Software block position)","7":"Window fully open (Hardware block position)"}	124
125	✓	×	×	×	×	Vehicle Information	ESCBrakingPedalInformation	Press status of brake pedal	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Not used","1":"Brake pedal not pressed","2":"Brake pedal pressed","3":"Not used","4":"Brake pedal confirmed pressed","5":"Not used","6":"Not used","7":"Unavailable"}	125
126	✓	✓	✓	×	×	Vehicle Information	StatusWipingFront	Front windshield wiper status	integer	0	0	[0,1,4,6,7]	{"0":"front wiper in stop position","1":"front wiper forced to stop","4":"unavailable","6":"low speed wiping requested","7":"high speed wiping requested"}	126
127	✓	×	×	×	×	Vehicle Information	FrontWiperSwitchStatus	Windshield wiper speed status	integer	0	0	[0,1,2,3,4,5,6,7]	{"0":"Off","1":"Intermittent or auto","2":"Low speed","3":"High speed","4":"Mist","5":"Not used","6":"Not used","7":"Not used"}	127
128	✓	×	×	×	×	Vehicle Information	WipingFrontDuration	Front windshield wipers speed status	integer	0	0	[0,1,2,3]	{"0":"front wiper stopped","1":"low speed active","2":"high speed active","3":"Unavailable"}	128
129	✓	×	×	×	×	Vehicle Information	StatusDoorDriver	Status of the driver's door	integer	0	0	[0,1,2]	{"0":"Unavailable Value","1":"Driver door closed","2":"Driver door open"}	129
130	✓	×	×	×	×	Vehicle Information	StatusDoorRearLeft	Status of the rear left door	integer	0	0	[0,1,2]	{"0":"Unavailable Value","1":"Rear left door closed","2":"Rear left door open"}	130
131	✓	×	×	×	×	Vehicle Information	StatusDoorRearRight	Status of the rear right door	integer	0	0	[0,1,2]	{"0":"Unvailable Value","1":"Rear Right door closed","2":"Rear Right door open"}	131

#	CCS 2	CCS 1/1.5 (w/NAVI)	CCS 1/1.5 (no NAVI)	ICE	EV	Data Category	Data Name (English Only)	Description	Data Type (English only)	Data Min Value	Data Max Value	Data Possible Value	Possible Value Meaning	#
132	✓	×	×	×	×	Vehicle Information	StatusDoorTailGate	Status of the tailgate door	integer	0	0	[0,1,2]	{"0":"Unvailable Value","1":"TailGate is closed","2":"TailGate is open"}	132
133	✓	×	×	×	×	Vehicle Information	StatusDoorFrontLeft	Status of the front left door	integer	0	0	[0,1,2]	{"0":"Unavailable value","1":"Door closed","2":"Door open"}	133
134	✓	×	×	×	×	Vehicle Information	StatusDoorPassenger	Passenger door status	integer	0	0	[0,1,2]	{"0":"Unavailable Value","1":"Passenger door closed","2":"Passenger door open"}	134
135	✓	×	×	×	×	Vehicle Information	StatusDoorFrontRight	Front right door open / close status visible on Instrument Panel	integer	0	0	[0,1,2]	{"0":"Unavailable value","1":"Door closed","2":"Door open"}	135