

Euro-8 468 Godzilla CAN2 Data Export (OBD II on CAN3) - updated 10.03.2022

Data format is Big Endian and the baud rate is 1 Mbit/s.

Channel number	Address	Bytes	Signed Byte	Frequency Hz	ECU channel	ECU Parameter	Comments	Scaling	Motec scaling
1	0x300	0;1		200	23	Engine RPM		1 RPM/bit	Divisor 6
2	0x300	2;3		200	67	TPS 1		100% = 1023 bits	
3	0x300	4;5		200	590	Input paddle up	0=Off; 1=Shift request		
4	0x300	6;7		200	591	Input paddle down	0=Off; 1=Shift request		
5	0x301	0;1		200	883	DragTimer	Run time max 20 seconds	0.001/bit	
6	0x301	2;3		200	522	Gear potentiometer			
7	0x301	4;5		200	528	Up shift valve out	0=Off; 1=Shift request		
8	0x301	6;7		200	527	Down shift valve out	0=Off; 1=Shift request		
9	0x302	0;1		200	71	Cut Status	ECU applied spark and fuel cuts		
10	0x302	2;3	X	200	305	Manifold air pressure		1 mb / bit	
11	0x302	4;5	X	200	228	Spark advance	Applied spark advance	0.25 deg/bit	Multiplier 10; Divisor 4
12	0x302	6;7		200	523	RPM if down shift	Calculated RPM for down shift	1 RPM/bit	Divisor 6
13	0x303	0;1		200	452	Speed front right	452 speed sensor, 596 speed via CAN	0.1 kph/bit	
14	0x303	2;3		200	453	Speed front left	453 speed sensor, 595 speed via CAN	0.1 kph/bit	
15	0x303	4;5		200	454	Speed rear right	454 speed sensor, 598 speed via CAN	0.1 kph/bit	
16	0x303	6;7		200	455	Speed rear left	455 speed sensor, 597 speed via CAN	0.1 kph/bit	
17	0x304	0;1		200	885	DragControl	Drag Switch Status	0=Off; 1=On	
18	0x304	2;3		200	881	PropShaftRPM	Prop Shaft RPM	1 RPM/bit	
19	0x304	4;5		200	882	Car Speed	Prop shaft car speed	0.1 kph/bit	
20	0x304	6;7		200	735	MAF SUM	Sum of air flow from MAF1 and MAF2	2 mg/stroke/bit	
21	0x305	0;1		200	160	Lambda 1		0.001/bit	
22	0x305	2;3		200	161	Lambda 2		0.001/bit	
23	0x305	4;5	X	200	282	Lambda correction sensor 1	CLC1	0.05%/bit signed	Multiplier 1; divisor 32767
24	0x305	6;7	X	200	283	Lambda correction sensor 2	CLC2	0.05%/bit signed	Multiplier 1; divisor 32767
25	0x306	0;1		100	350	Pedal position	PPS	100% = 1023 bits	
26	0x306	2;3		100	311	TC Potentiometer			
27	0x306	4;5	X	100					
28	0x306	6;7		100					
29	0x307	0;1		100	317	Barometric air pressure		0.1 mb/bit	
30	0x307	2;3		100	349	TPS driver request	Suggested TPS REQ	100% = 1023 bits	
31	0x307	4;5		100	592	Neutral Switch	0= Off, 1= On		
32	0x307	6;7	X	100	561	Shift pressure		1 mb/bit	
33	0x308	0;1		100	190	Injector pulse width		1 us = 1 bit	
34	0x308	2;3		100	314	Battery voltage		18V = 1023 bits	Multiplier 175; divisor 100
35	0x308	4;5		100	16	ECU ON		0.1 s/bit	
36	0x308	6;7		100	478	TC Active			
37	0x309	0;1		100	466	Analogue input for TC maps			
38	0x309	2;3		100	457	Target slip		0.1%/bit	
39	0x309	4;5	X	100	456	Slip		0.1%/bit	
40	0x309	6;7		100	218	Lambda target		0.001/bit	
41	0x30A	0;1		100	691	Coil1	Coil current draw cylinder 1	0.1A/bit	
42	0x30A	2;3		100	692	Coil2	Coil current draw cylinder 2	0.1A/bit	
43	0x30A	4;5		100	693	Coil3	Coil current draw cylinder 3	0.1A/bit	

44	0x30A	6;7		100	694	Coil4	Coil current draw cylinder 4	0.1A/bit	
45	0x30B	0;1		100	300	Engine coolant temperature	Temperatures displayed in degrees C	Mult 0.25; -56 offset	Mult 10; Div 4; Add -560
46	0x30B	2;3		100	302	Engine oil temperature	Temperatures displayed in degrees C	Mult 0.25; -56 offset	Mult 10; Div 4; Add -560
47	0x30B	4;5		100	303	Fuel temperature	Temperatures displayed in degrees C	Mult 0.25; -56 offset	Mult 10; Div 4; Add -560
48	0x30B	6;7		100	301	Inlet air temperature	Temperatures displayed in degrees C	Mult 0.25; -56 offset	Mult 10; Div 4; Add -560
49	0x30C	0;1		100	485	Fuel consumption		0.01 litre/bit	
50	0x30C	2;3	X	100	316	Fuel pressure		0.01 bar/bit	
51	0x30C	4;5	X	100	315	Oil pressure		1 mb/bit	
52	0x30C	6;7	X	100	388	Camshaft Retard	VCT retard position (Godzilla)	0.25 deg/bit	
53	0x30D	0;1	X	100	324	Crank case pressure		1 mb/bit	
54	0x30D	2;3		100	858	Fuel injector duty cycle	1% = 1 bit		
55	0x30D	4;5		100	21	AngleCrankStatus	Synchronisation information 1=crank sensor recognised; 4=sync ok		
56	0x30D	6;7		100	10	Engine map # active in ECU		Offset +1	Adder +1
57	0x30E	0;1		100	695	Coil5	Coil current draw cylinder 1	0.1A/bit	
58	0x30E	2;3		100	696	Coil6	Coil current draw cylinder 2	0.1A/bit	
59	0x30E	4;5		100	697	Coil7	Coil current draw cylinder 3	0.1A/bit	
60	0x30E	6;7		100	698	Coil8	Coil current draw cylinder 4	0.1A/bit	
61	0x30F	0;1	X	100	389	Cam Angle	VCT camshaft angle	0.25 deg/bit	
62	0x30F	2;3	X	100	391	Cam Error	VCT error position	0.25 deg/bit	
63	0x30F	4;5		100					
64	0x30F	6;7		100					
65	0x310	0;1		25	769	PWM alternator control		100% = 255 bits	
66	0x310	2;3		25	520	Gear	Gear in use	Mult=1; Offset +1	
67	0x310	4;5	X	25	319	Brake pressure front		0.1 bar/bit	
68	0x310	6;7	X	25	321	Brake pressure rear		0.1 bar/bit	
69	0x311	0;1		25	486	Fuel left in tank		0.01 liter/bit	
70	0x311	2;3		25	304	Gearbox Oil Temperature	Temperatures displayed in degrees C	Mult 0.25; -56 offset	Mult 10; Div 4; Add -560
71	0x311	4;5		25	26	Crank Count	Counting cycles from 1st synchronisation, up to 255		
72	0x311	6;7		25	702	Fuel pump active	0= Fuel pump control OFF; 1= Fuel pump control ON		
73	0x312	0;1		25	596	Speed front right	Speed via CAN	0.1 kph/bit	
74	0x312	2;3		25	595	Speed front left	Speed via CAN	0.1 kph/bit	
75	0x312	4;5		25	598	Speed rear right	Speed via CAN	0.1 kph/bit	
76	0x312	6;7		25	597	Speed rear left	Speed via CAN	0.1 kph/bit	
77	0x313	0;1	X	25	212	Learn Trim	Lambda self lear correction	Mult 100; divisor 32768	
78	0x313	2;3		25	77	Fan output active	0= Fan control OFF; 1= Fan control ON		
79	0x313	4;5		25	78	Universal out active	0= Fan control OFF; 1= Fan control ON		
80	0x313	6;7	X	25	323	Water pressure		1 mb = 1 bit	