

VFIZ



Appendix A. Abbreviation of available parameters

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1 Appendix A - Abbreviations of predefined measures names.

They are gathered using OBD (KW1281/KW2000 over CAN-bus or K-line), or passively from CAN-buses, many of them can have multiple sources. Exact list depends on Car/ECU model. This list can be expanded on user request easily.

No.	Abbrev.	Abbrev.Long	Unit	Descriptions
1	AccA	AccelLat	g	Angular acceleration
2	ACFq	ACFanRq	%	Air Conditioning Fan request (from A/C to ECU)
3	ACTq	ACTorq	Nm lbf-ft	Torque used by Air Conditioning
4	ACPR	ACPress	Bar PSI	Air Conditioning pressure
5	AFR	AFR	1	Air Fuel Ratio actual
6	AFRQ	AFR	1	Air Fuel Ratio requested
7	BrkP	BrkPress	Bar PSI	Brake pressure (actual)
8	BST	Boost	Bar, mBar PSI	Boost absolute (if available on specific car)
9	BSRQ	BoostRq	Bar, mBar PSI	Boost requested
10	CATT	CatTemp	°C °F	Catalyst temperature
11	CHN1	ChainAng1	° / degree	Chain 1 stress (R32)
12	CHN1	ChainAng2	° / degree	Chain 1 stress (R32)
13	CLDV	ColdStV	%	Cold start valve
14	CLT	Coolant	°C °F	Coolant temperature measured by ECU
15	CLT2	Coolan2	°C °F	Coolant temperature measured by Instruments
16	CONS	Consum	l/h or l/100km Gal./h or MPG	Fuel consumption in litre per hour (US: Gallons/hour) when stationary or litres per 100km (US: MPG) when moving
17	CONS D	ConsDist	l/100km mpg	Fuel consumption in litres per 100km
18	CONS H	ConsHour	l/h Gallons/h	Fuel consumption in litre per hour
19	DPF	DPF%	%	DPF load
20	DPF	DPF(g)	g	DPF load
21	EGT		°C °F	Exhaust Gas Temperature
22	FAN	Fan	%	Fan ratio (actual)
23	FUEL	Fuel	L Gallons	Fuel level in litres or Gallons
24	FTEMP	FuelTemp	°C °F	fuel temperature
25	FTL	FTL	%	Lambda adaptation at run (fuel long trim)
26	FTS	FTS	%	Lambda adaptation at idle (fuel short trim)
27	GenL	GenLoad	%	Electricity Generator Load
28	HEna	AWDEngag	1	Haldex engaged
29	HRea	AWDRear	%	Engage ratio
30	HOilT	HdxOilT	°C °F	Haldex Oil temperature

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31	HVlt	HVlt	V	Haldex voltage
32	HPFP	HFuelPrA	Bar PSI	High Pressure Fuel Pressure (actual)
33	HPFQ	HFuelPrRq	Bar PSI	High Pressure Fuel Pressure (requested)
34	IAPQ	IntAPRq	Bar PSI	Intake Atmospheric Pressure (absolute, requested)
35	IAP	IntAP	Bar PSI	Intake Atmospheric Pressure (absolute, actual)
36	IAT	IntakTmp		Intake temperature
37	IGN	Ignition	° / degree	ignition timing
38	IGNR	IgnRetrd	deg	Ignition retard (maximum value for all cylinders)
39	INQ	InjQuant		injection quantity
40	IND	InjDurat	ms	injection duration
41	INJA	InjAngle	° / degree	Injection angle actual
42	InjP	InjPerd	ms	Injection Period
43	INJS	InjAnglS	° / degree	Injection angle specified
44	ITIM		ms	Injection timing
45	LAM	Lambda	1	Lambda value actual
46	LAM	LambdaV	V	Lambda value actual
47	LAMQ	LambReq	1	Lambda value requested
48	LAMQ	LambRqV	V	Lambda value requested
49	LOAD	Load	%	Engine load
50	LPCD		s	Pre-cat o2 duration
51	LoadC	LoadCalc	%	Engine load calculated
52	LoadA	LoadAct	%	Engine load actual
53	LPFP	LPFuelPrA	Bar PSI	Low Pressure Fuel Pressure (actual)
54	LPFD	LPFuelDrv	%	Low Pressure Fuel Pressure (requested)
55	MAF	AirAct	g/s	Mass Air Flow (actual)
56	MAFQ	AirReq	s/s	Mass Air Flow (requested)
57	N75	N75	%	N75 valve duty cycle
58	ODO	Odom	km miles	odometer in km
59	OilL	OilLevel	mm	Oil level
60	OILT	OilTemp	°C °F	Engine oil temperature
61	OTMP	OutsTmp	°C °F	Outside temperature
62	PwrE	PowrEng	kW	Power generated by engine (actual)
63	PwrH		hp	Power generated by engine (actual)
64	PWX		kW hp	Engine maximum power
65	Pwr	PowrWhl	kW	Power on wheels
66	Pwr	PowrWhH	hp	Power on wheels
67	RPM		1/min	Engine revolution per minute
68	SPD	Speed	km/h mph	Speed
69	SPDE	SpeedE	km/h mph	Speed measure by Engine Control Unit (ECU)
70	SPDA	SpeedA	km/h mph	Speed measured by ABS modules
71	SPDR	SpeedR	km/h mph	Speed measured by ABS on rear wheels
72	Steer	SteerWhl	° / degree	Steering wheel angle
73	TB	Throttle	%	Throttle body angle actual

2 Notes