



AiM Infotech

Sodemo EV11 communication protocol

Release 1.00



Sodemo EV11 communication protocol

Channels received by AIM loggers connected to Sodemo EV11 ECU are:

ID	CHANNEL NAME	FUNCTION
ECU_1	EV11_REGMOT	RPM
ECU_2	EV11_POTPAP	Throttle potentiometer
ECU_3	EV11_PCOLL	
ECU_4	EV11_RICHESSE	Air/Fuel ratio
ECU_5	EV11_AIRTEMP	Air temperature
ECU_6	EV11_EXHAUSTTEMP	Exhaust temperature
ECU_7	EV11_ACCPOS	Throttle position sensor
ECU_8	EV11_SPEED_FRONTSX	Front Left wheel speed
ECU_9	EV11_SPEED_FRONTDX	Front Right wheel speed
ECU_10	EV11_SPEED_REARSX	Rear Left wheel speed
ECU_11	EV11_SPEED_REARDX	Rear Right wheel speed
ECU_12	EV11_TURBOSPD1	Turbo speed 1
ECU_13	EV11_TURBOSPD2	Turbo speed 2
ECU_14	EV11_ADVANCE	Spark advance
ECU_15	EV11_INJECTIME	Injection time
ECU_16	EV11_ROC1	
ECU_17	EV11_WATERTEMP	Engine cooling temperature 1
ECU_18	EV11_WATERTEMP2	Engine cooling temperature 2
ECU_19	EV11_FUELTEMP	Fuel temperature
ECU_20	EV11_OILTEMP	Oil temperature
ECU_21	EV11_GEAR	Engaged gear
ECU_22	EV11_TOTKM	Total kilometres
ECU_23	EV11_DOWNFLAG	Flag panne 1
ECU_24	EV11_DOWNFLAG2	Flag panne 2
ECU_25	EV11_ATMPRESS	Atmospheric pressure
ECU_26	EV11_VPOTBV	
ECU_27	EV11_FUELPRESS	Fuel pressure
ECU_28	EV11_OILPRESS	Oil pressure
ECU_29	EV11_PCOLL2	
ECU_30	EV11_RICHESSE2	Air/Fuel ratio 2
ECU_31	EV11_AIRTEMP2	Air temperature 2

ECU_32	EV11_EXHAUSTTEMP2	Exhaust temperature 2
ECU_33	EV11_BATTVOLT	Battery voltage
ECU_34	EV11_FUEL	Fuel level
ECU_35	EV11_INJECTIME2	Injection time 2
ECU_36	EV11_ROC2	
ECU_37	EV11_PHASEFLAG	Phase flag
ECU_38	EV11_FUELBURNED	Injected fuel
ECU_39	EV11_CORRECTIONFLAG	Correction flag
ECU_40	EV11_LIBRE	