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AiM Infotech

EFI Euro6 new Euro 12 new communication protocol

Release 1.00

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EFI Euro6 new Euro 12 new communication protocol

Channels received by AIM loggers connected to EFI Euro6 new Euro 12 new ECU are:

ID	CHANNEL NAME	FUNCTION
ECU_1	EFI_RPM	RPM
ECU_2	EFI_TPS1	Throttle position sensor bank 1
ECU_3	EFI_TPS2	Throttle position sensor bank 2
ECU_4	EFI_MAP	Manifold air pressure bank 1
ECU_5	EFI_MAP2	Manifold air pressure bank 2
ECU_6	EFI_DFARF	Throttle position derivative
ECU_7	EFI_DMAP	Manifold pressure Derivative
ECU_8	EFI_AE	Fuel enrichment for positive TPS transient
ECU_9	EFI_DE	Fuel enrichment for negative TPS transient
ECU_10	EFI_WHEELSPD	Driven wheel speed
ECU_11	EFI_DRAXSSPD	Driving wheel speed
ECU_12	EFI_SLIP	Slip factor
ECU_13	EFI_OSASLIP	Ignition cut vs slip factor
ECU_14	EFI_DfarfCalc	Calculated throttle position derivative
ECU_15	EFI_PPSpc	Throttle request
ECU_16	EFI_TINJ1	Injection time for cylinder 1
ECU_17	EFI_TINJ5	Injection time for cylinder 5
ECU_18	EFI_TEROGBASE	Injection table - injection time
ECU_19	EFI_TEROG	Real injection time
ECU_20	EFI_SABASE	Injection table - injection time
ECU_21	EFI_SA	Real spark advance
ECU_22	EFI_NTK1	Lambda value 1
ECU_23	EFI_NTK2	Lambda value 2
ECU_24	EFI_KFUELLEARN	Fuel correction coefficient for auto mapping
ECU_25	EFI_CLC1	Closed loop control 1 (injection)
ECU_26	EFI_CLC2	Closed loop control 2 (injection)
ECU_27	EFI_GEAR	Engaged gear
ECU_29	EFI_GEARSHIFTTIME	Gear shift time
ECU_30	EFI_OILPRESS	Oil pressure
ECU_31	EFI_FUELPRESS	Fuel pressure
ECU_32	EFI_FASE_L	Lower injectors phase

ECU_33	EFI_FASE_H	Upper injectors phase
ECU_34	EFI_KFuelCntCrk	Cranking fuel multiplier
ECU_35	EFI_KinjHIGHperc	Terog_U/Terog_L
ECU_36	EFI_BATTVOLTDIR	Direct battery supply
ECU_37	EFI_BATTVOLTKEY	ECU voltage supply
ECU_44	EFI_AEDFarfl	Fuel enrichment for positive TPS transient derivative
ECU_45	EFI_Slip Calc	Calculated slip (with engine strategies)
ECU_46	EFI_SPEED FR	Front right wheel speed (ECU Reference speed)
ECU_47	EFI_SELEEPROM	Selected Engine Map
ECU_48	EFI_WATERTEMP	Water temperature
ECU_49	EFI_OILTEMP	Oil temperature
ECU_50	EFI_FUELTEMP	Fuel temperature
ECU_51	EFI_AIRTEMP01	Air temperature bank 01
ECU_52	EFI_AIRTEMP02	Air temperature bank 02
ECU_54	EFI_KFUELCAL	Calibration fuel multiplier
ECU_56	EFI_FUELUSED	Injected fuel
ECU_57	EFI_FUELLEFT	Left fuel