



Electronic Engine Interface OBD-II and J1939

Engine Interface

ECM

Bus Setup File: C:\DynPro v6.0\Config\Setup Files\Bus config\ECM Setup.bus

Speed Control: **Use Bus Engine Speed for control**

Communication Settings Bus Init. Time (sec): 2

COM Port: COM4 J1939 Settings Bus Type: RF

Bus Protocol: J1939 Baud Rate: 9600 RF Type: Direct

MID/DA: x80 Checksum Option: Full Automatic

Enabled	PID/PGN	Parameter Name	Log	Display	Alarm	Low Fail	Low Warn	High warn	High Fail	Pre- cision	High Fault Action	Low Fault Action
OFF	2	e_Transmitter_Sys_Stat	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	74	e_Max_Road_Spd_Limit	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	84	e_Road_Spd	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	86	e_Cruise_Control_Set_Spd	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	87	e_Cruise_Control_High_Set_Limit_S	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	88	e_Cruise_Control_Low_Set_Limit_S	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OIL	91	e_Percent_Accel_Pedal	OIL	OIL	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	92	e_Percent_Engine_Load	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OIL	100	e_Eng_Oil_Press	OIL	OIL	OFF	10.0	15.0	200.0	200.0	2	N	N
OIL	102	e_Boost_Press	OIL	OIL	OFF	0.0	0.0	0.0	0.0	0	E	E
OIL	105	e_Int_Mid_Temp	OIL	OIL	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	108	e_Barometric_Press	OIL	OIL	OFF	0.0	0.0	0.0	0.0	0	E	E
OIL	110	e_Eng_Coolant_Temp	OIL	OIL	OFF	0.0	0.0	205.0	240.0	0	N	N
OIL	166	e_Rated_Horsepower	OIL	OIL	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	168	e_Volts_(Battery)	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OIL	174	e_Fuel_Temp	OIL	OIL	OFF	0.0	0.0	0.0	0.0	0	E	E

With this accessory installed, DynPro communicates with electronic engines using either the OBD-II or J1939 bus protocols. The Electronic Engine Interface for OBD-II and J1939 is only available for DynPro 6 and newer systems and cannot be used in systems where the Heavy-Duty Electronic Engine Interface (J1708/J1939) is installed. The Electronic Engine Interface for OBD-II and J1939 is optional for engine dynamometer and chassis dynamometer applications. When this item is selected for a chassis dynamometer application, it replaces the standard Heavy-Duty Electronic Engine Interface (J1708/J1939).

In DynPro 6, standard channel configurations can be created, saved, and retrieved with the Bus Communication System Setup. Alternatively, the operator can query the engine and will be able to view and select the channels to log, display, or print.

- OBD-II and J1939
- 25 ft interface cable with: 16-pin (J1962) and 9-pin (J1939) Deutsch adapters
- Note: "Heavy-Duty Diesel Engine Interface" cannot be used in the same system as this option.

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