



Heavy-Duty Electronic Engine Interface

Engine Interface

ECM

Bus Setup File: C:\DynPro 4.x\Config\Setup Files\Bus config\ECM Setup.bus

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

Communication Settings

COM Port: COM3 J1708 Settings

Bus Protocol: J1708 Baud Rate: 9600

MID/DA: 30 Checksum Option: Full Automatic

Enabled	PID/PGN	Parameter Name	Log	Display	Alarm	Low Fail	Low Warn	High Warn	High Fail	Pre-cision	Fault Action	Fault Action
OFF	2	e_Transmitter_Sys_Stat	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	3	e_Transmitter_Sys_Diag	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
OH	84	e_Road_Spd	OH	OH	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
OH	91	e_Percent_Accel_Pedal	OH	OH	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
OH	100	e_Eng_Oil_Press	OH	OH	OFF	0.0	0.0	0.0	0.0	0	E	E
OH	102	e_Boost_Press	OH	OH	OFF	0.0	0.0	0.0	0.0	0	E	E
OH	105	e_Int_Mild_Temp	OH	OH	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	108	e_Barometric_Press	OFF	OFF	OFF	0.0	0.0	0.0	0.0	0	E	E
OH	110	e_Eng_Coolant_Temp	OH	OH	OFF	0.0	0.0	0.0	0.0	0	E	E
OFF	166	e_Rated_Horsepower	OFF	OFF	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

Load <F1> Save <F2> New PID/PGN List <F3> Print <F10> Help <F12> Exit <Esc>

J1708/J1939 Setup Screen

DynPro communicates with electronic engines using either the J1708 or J1939 bus protocols. This feature is included for chassis dynamometers and is optional for engine dynamometers.

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.

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