SETUP GUIDE

PCS EGT-2000 8-CH EGT Module to AEM CD Dash

Supported Devices

PCS EGT-2000 8CH EGT

CAN Bus Wiring

AEM CD has 2 separate CAN ports. For 3rd party devices, AEM recommends you use AEM CAN Bus 2, whose connections are contained in a 2 pin Deutsch DTM connector. On older harnesses it may be in an unterminated, twisted/shielded flying lead in the dash harness.

EGT-2000 Pinout & Wire Color

Pin	Function	Wire Color
1	Sw Power	Red
2	Ground	Black
3	CAN High	White w/red stripe
4	CAN Low	White w/black stripe
5-8	Not Used	

EGT-2000 CAN High (Pin 3) → AEM CD Dash "CAN 2" 2 Pin DTM Pin 1 (Gray wire in twisted/shielded pair)
EGT-2000 CAN Low (Pin 4) → AEM CD Dash "CAN 2" 2 Pin DTM Pin 2 (Black wire in twisted/shielded pair)

Terminating Resistors:
The EGT-2000 does not have an internal terminating resistor. Assuming the resistor in the CD-7 is activated, one more terminating resistor must be present. If an ECU is connected, it may have one internally (AEM ECU's do), if no then one must be added to the network.

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Supported Channels

The CD Dash supports the following 20 data channels transmitted by the EGT-2000:

CH	Channel Name
1	EGT1
2	EGT2
3	EGT3
4	EGT4
5	EGT5
6	EGT6
7	EGT7

CH	Channel Name
8	EGT8
9	EGTAverage1
10	EGTAverage2
11	EGTAverage3
12	EGTAverage4
13	EGTAverage1Config
14	EGTAverage2Config

CH	Channel Name
15	EGTAverage3Config
16	EGTAverage4Config
17	EGTFaultCodes
18	EGTVersionHardware
19	EGTVersionMajor
20	EGTVersionMinor

CAN Setup

You can either start with a new dash layout by selecting “File” then “New” in DashDesign or you can select from a pre-designed layout that has screens already designed and inserted but has the CAN inputs left blank. These are chosen by selecting “File” then “Open” and selecting one of the setups titled xzyblank.aemcd7 with the xyz representing a description of the layouts contained in the file.

To import the CAN setup you select SETUP then DISPLAY from the main DashDisplay menu. Once the dialog box opens you select the “CAN Receive” tab.

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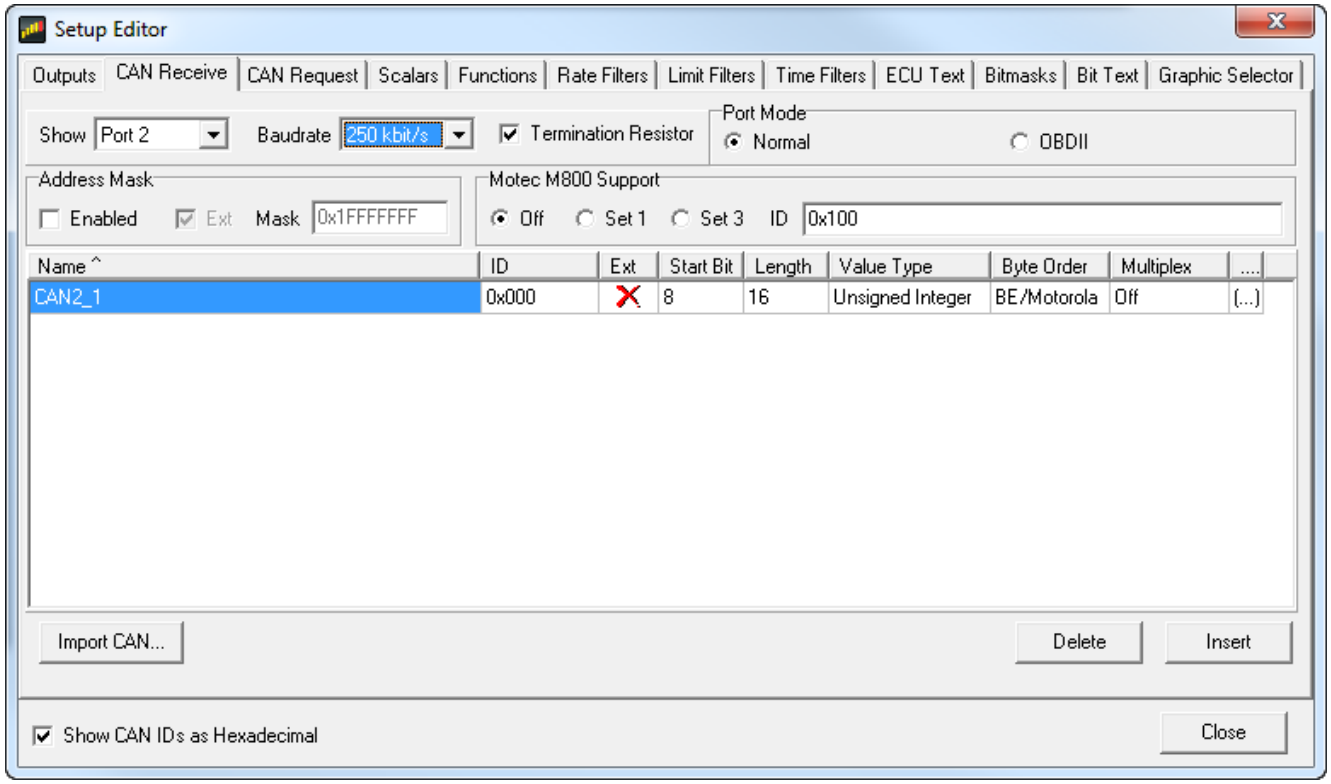

Change the settings to the following:
Show: "Port 2"
Baudrate: 500 kbit/s
Termination Resistor: "ON"
Address Mask: "OFF"
M800 Support: "OFF"

Then click on "Import CAN" on the lower left and select the can setup file. The new items will appear in the Outputs tab. They can now be viewed on the display or logged. You can rename, filter, or manipulate any of these channels to make them more useful.