

SETUP GUIDE



Supported Devices

Bosch Motorsports Lambdatronic LT4 to CD Dash

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.

LT-4 CAN Hi → AEM CD "CAN 2" Pin 1 (CAN 2+), Gray wire in twisted/shielded pair

LT-4 CAN Lo → AEM CD "CAN 2" Pin 2 (CAN 2-), Black wire in twisted/shielded pair

Supported Channels

AEM supports the following 20 channels transmitted by the Bosch Lambdatronic LT4 AFR Sensor Module:

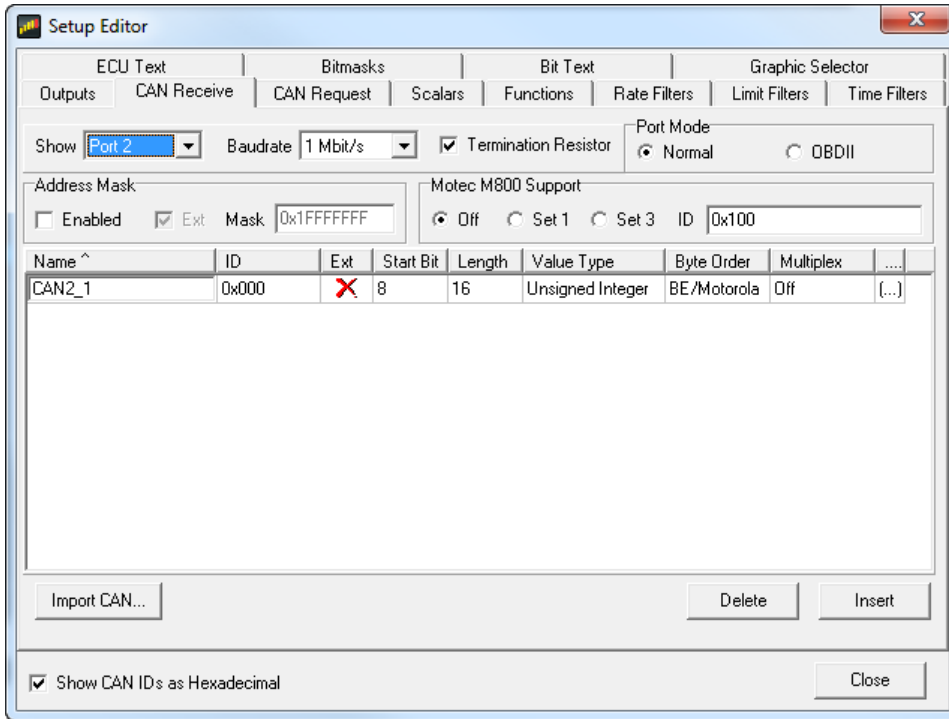
LT4_Lambda1	LT4_Lambda1_Temp	LT4_Lambda1Error
LT4_Lambda1HeaterError	LT4_Lambda1OK	LT4_Lambda2
LT4_Lambda2_Temp	LT4_Lambda2Error	LT4_Lambda2HeaterError
LT4_Lambda2OK	LT4_Lambda3	LT4_Lambda3_Temp
LT4_Lambda3Error	LT4_Lambda3HeaterError	LT4_Lambda3OK
LT4_Lambda4	LT4_Lambda4_Temp	LT4_Lambda4Error
LT4_Lambda4HeaterError	LT4_Lambda4OK	

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: 1 Mbit/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.