

3: Initial Setup 2

1 Lambda Single

2 Lambda Bank

3 Throttle Pedal

4 Throttle Servo

5 Throttle Servo Bank 2

6 Throttle Aim

7 Boost Servo

8 Cam Control Inlet

9 Cam Control Exhaust

10 Logging/MAP

All Calibrate

Lambda Details

MoTeC LTC Manager

File View Tools Help

MoTeC

Sensor Type	Serial Num	Name	Readings (Lambda)	Sensor State	Diagnostics	LTC Temperature (°C)	CAN Address	Collect	Config Status	Device Type	Firmware Version
-------------	------------	------	-------------------	--------------	-------------	----------------------	-------------	---------	---------------	-------------	------------------

CAN Bus 1 Mode

Not in Use

1Mbps

0.0 ms

CAN Bus 2 Mode

1Mbps

CAN Bus 2

LTC1 0x460

LTC

CAN Bus 2

LTC2 0x461

LTC

Enabled

120 s

4 s

Exhaust Lambda Bank 1 Collector CAN Bus

Exhaust Lambda Bank 1 Collector LTC Index

Exhaust Lambda Bank 1 Collector LTC Type

Exhaust Lambda Bank 2 Collector CAN Bus

Exhaust Lambda Bank 2 Collector LTC Index

Exhaust Lambda Bank 2 Collector LTC Type

LTC Enable Message

LTC Power Save Delay

LTC Engine Run Time

Lambda Bank 1

Setup... Calibrate... Update Firmware...

Gateway: M1 #20795 Start CAN bus: CAN Bus 2

Exhaust Lambda Bank 1 Filtered

Exhaust Lambda Bank 1 Normalised

Exhaust Lambda Bank 1 Diagnostic

Exhaust Lambda Bank 1 Collector Diagnostic

Exhaust Lambda Bank 1 Collector Internal Temperature

Exhaust Lambda Bank 1 Collector Battery Voltage

Exhaust Lambda Bank 1 Collector Serial Number

Exhaust Lambda Bank 1 Collector Sensor State

Exhaust Lambda Bank 1 Collector Heater Duty

Exhaust Lambda Bank 1 Collector Fault Bits

Exhaust Lambda Bank 1 Collector Ign

LA

LA

Unavailable

CAN Bus Timeout

°C

V

0

Unknown

%

0

mA

Exhaust Lambda Bank 1 [LA]

Current value of bank 1 lambda.

See Exhaust Lambda Bank 1 Diagnostic for the source of this value. The value will originate from the following sources, if available (in order of preference):

- Exhaust Lambda Bank 1 Collector
- Exhaust Lambda Cylinder N: the average of all available cylinder lambda measurements that are assigned to bank 1
- Exhaust Lambda Collector

Used as Fuel Closed Loop Control Bank 1 Feedback Value.

Lambda Bank 2

Exhaust Lambda Bank 2 [LA]

Current value of bank 2 lambda.

See Exhaust Lambda Bank 2 Diagnostic for the source of this value. The value will originate from the following sources, if available (in order of preference):

- Exhaust Lambda Bank 2 Collector
- Exhaust Lambda Cylinder N: the average of all available cylinder lambda measurements that are assigned to bank 2

Used as Fuel Closed Loop Control Bank 2 Feedback Value.

Exhaust Lambda Bank 2 [LA]

0.80

0.75

0.70

m/s

2:00

2:10

2:20

Notes

If using two lambda sensors for a V or Boxer engine the sensors should be set in this page. The Lambda sensors are assumed to be in the collector of each bank. If the engine is a V or Boxer engine and only one sensor is being used it is recommended to use the correct Bank setup to avoid any confusion as to the location of the sensor.

The Lambda Details calibrate box is used for setup related to the overall Lambda channel. The overall Lambda channel called Exhaust Lambda and is used for functions such as Quick lambda.

If individual cylinder Lambda sensors are to be used it is recommended that these be setup in the Multi Exh Lambda Worksheet in the Engine Systems Workbook.