

LM-2 Accessories:

- LM-2 to MTS patch cable, 4 pin micro fit to 2.5mm male stereo P/N: 3812
- XD-16 (Air/Fuel Digital Gauge) P/N3780
- Exhaust Clamp: #3728
- Stainless Steel Bung w/ Steel Plug #3736
- HBX-1: Heat-sinking Bung Extender: #3729
- Double Length Bung: P/N 3764
- LM-2 Window Mount: P/N 3814

Replacement Parts:

- Power Cable: P/N 3808
- OBD-II Cable: P/N 3809
- Bung/Plug set: P/N 3735
- Sensor (Bosch LSU4.2): P/N 3737
- 8ft Sensor Cable: P/N 3810
- Analog Cable: P/N 3811
- USB Cable: P/N 3813

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1) The Oxygen Sensor used with this device gets very hot in operation. Do not touch the hot sensor. Do not let a hot sensor touch a combustible surface. Do not use the sensor with or near flammable liquids or gases. Failure to heed these warnings may result in severe burns, explosions or fires. 2) When installed in the exhaust, the oxygen sensor **MUST** be connected and operating with the LM-2 whenever the car is running. An un-powered oxygen sensor will be quickly damaged when exposed to hot exhaust gases.



LM-2 QUICK START GUIDE

The complete instruction manual is on the CD



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LM-2 QUICK START GUIDE

Software Installation



It is important to install the provided software on the computer prior to connecting the LM-2. Failure to do so may lead to connection complications.

1. Place the CD that came with your LM-2 in your personal computer.
2. The software installer will automatically start, follow the prompts to finish the installation.
3. Once the software is installed connect one end of the USB cable to the LM-2 and the other end to your computer.
4. Confirm the LM-2 is powered up.
5. Windows will now recognize the device and prompt the “New Hardware Wizard.” Click Next. (Fig 1)
6. Select “Install the Device Automatically” and click Next.
7. A progress screen will appear. During this installation process the screen below will pop up. Click “Continue Anyway.” (Fig 2)
8. The last screen will inform you that the unit has been successfully installed. Click “Finish.” The unit is installed and ready to use.



Fig 1



Fig 2

Sensor Calibration

1. Connect the oxygen sensor to the provided sensor cable and then to the appropriate port on the LM-2. **Note:** The dual channel LM-2 model allows you to connect both oxygen sensors to the unit at the same time to do the calibration simultaneously.
2. Connect the LM-2 to a 12V power source with the provided cigarette power adapter.
3. The sensor(s) will start warming up. The LM-2 will display WXX, where XX is the percentage of temperature reached. Wait for the sensor to finish warming up.
4. Next is the calibration procedure. Press and hold the **Mode** button until the Configuration Menu appears. Select ‘Calibrate Sensors’ and press the **Enter** button.
5. Confirm by selecting ‘Start Sensor Calibration’ and press the **Enter** button.
6. The display will momentarily display ‘Cal’ and then it will switch to reading a percentage of oxygen. If the oxygen content now differs from 20.9% by more than 0.4%, repeat the calibration.
7. The LM-2 is now ready to read A/F.

Instruction Manual

Once the software is installed the manual can be found by clicking on *Start->Programs->LogWorks3->Manuals->LM-2 Manual.*