MOUNTING THE SENSOR

After identifying the desired mounting location on the vehicle, and verifying proper clearances, mount the sensor using M8 or 5/16” machine screws, in the three clear fit holes provided. For temporary installation to verify clearances, 3M VHB double faced tape is recommended. Torque the screws to 20Nm ± 2N.m (14.75 ft-lbs ± 1.47 ft-lb.)
LORD Sensing suggests two USB interface dongles for CAN connectivity.

**Suggestion 1**
Customers with existing CAN networks who wish to verify communications with a specific sensor may utilize this unit from Peak-System GmbH.

It comes complete with communications monitor software, PCAN-View. For full details and ordering information: [peak-system.com](http://peak-system.com).

LORD Sensing Sales (sensing_sales@lord.com) has a CAN cable and power kit to facilitate quick test operation. Ask for p/n 6212-3017.

**Suggestion 2**
An alternative, and somewhat less expensive interface is manufactured by Lawicel-AB. The CANUSB interface is a small dongle which provides instant CAN connectivity. It can be identified by software as a virtual COM port, with the FTDI USB drivers.

Sample programs in C, C++, C#, VB6, Delphi and Linux are found on their downloads page: [http://www.can232.com/?page_id=75](http://www.can232.com/?page_id=75). Purchase directly from Lawicel [CANUSB.com](http://www.can232.com/).

This device may also be purchased from LORD Sensing sales sensing_sales@LORD.com (P/N 6212-3014). It includes a short CAN bus connector for the sensor, USB dongle and power, and a power supply with global plugs.

For full CAN command detail, refer to the J1939 or CANopen version of the M-Series user manual. These are found on the LORD Sensing website [www.microstrain.com/inertial/m-series](http://www.microstrain.com/inertial/m-series).

LORD recommends split termination on both ends of the CAN bus cable for optimum EMC performance.