

“AUTO-LINK”
INSTALLATION AND OPERATION IS SIMPLE:

The Auto-Link Interface (“ALI”) allows direct connection between the On Board Diagnostics Plug (OBD) connector in your vehicle and a Distance Measuring Instrument (DMI). Your DMI and ignition should be turned off while plugging in the Auto Link and cables.

Plug the large OBD cable attached to the “Auto-Link” module into the vehicle “OBD” connector. It is found under your dash near your steering wheel column.

When you begin, remember that removal of a previously wired-in modular sensor may be necessary before the Auto-Link will “Lock” onto the OBD pulses.

Once you plug in the Auto-Link the LED lights on the Auto-Link case will begin randomly flashing.

The “LOCK” green LED will Flash approximately every 7 or 8 seconds while the other yellow LED’s will flash rapidly while the ignition is off. Initially, turn your key to the “accessories” position only to lock on the green LED. Within a few seconds the Green LED will remain on and stop flashing. Next turn on the ignition and start the vehicle. At this point the Green LED will still stay on and remain steady. A steady Green LED indicates the Auto-Link is communicating with and is locked onto the OBD signals coming from the vehicle computer.

The middle “OBD Tx and Rx” LED lights confirm the transfer of information between the OBD and the Auto Link. The “MICRO Tx and Rx” LED lights although flashing are not used with the DMI. They are used when linked to a laptop.

On 2010 vehicles the LED’s will flash very rapidly and may appear to be on constantly; this is normal.

The telephone style cable that is supplied should be connected between the Auto-Link and your DMI. The supplied Grey telephone style cable is the only cable that must be used. This also supplies power to your DMI.

The self-adhesive mounting tabs and the tie wraps included can be used to secure the OBD and the telephone style cables as desired.

Use “ONLY the Grey cable provided with the Auto-Link” and NEVER use the coiled or straight cable provided with your DMI as you may damage your DMI or the Auto-Link. Once connected you are ready to “Calibrate” your DMI as required.

While the vehicle is in motion all DMI instruments and the Auto Link have a small time lag while recording distances into memory. You should note there will be a final buffered distance on the DMI once the vehicle is fully stopped. With the Auto-Link, recording short distance nodes within a longer course using a stop and go method can be less accurate. This is a function of extreme low speeds introduced during starting and stopping. Measurements made at a creeping speed (0 to 1 MPH) can contribute errors with all DMI units. In these cases we recommend you use a magnetic sensor kit for high accuracies. OBD speed signals are generally not available below 1 MPH.

After using your DMI you should turn off the DMI while your vehicle is not being used as it is powered through the Auto-Link and the OBD. Power consumption of the DMI display is considerable and this may drain your battery if the vehicle is idle over a few days. This is particularly true if your battery is in poor condition.

The LED’s on the Auto-Link consume a little power while the vehicle is not being used. As the power consumption of the “ALI” is very low it is not necessary to disconnect the cable from the OBD connector unless the vehicle is idle for a few days. For extreme cold conditions and low vehicle usage disconnect the OBD cable. Alternately, we can provide a cable output to which you can install an on-off switch.

“AUTO-LINK” is a patent pending product of North-Line Canada Ltd, 44 Deerfoot Trail, Huntsville, Ontario, Canada, P1H 0A6.

In order to better serve our clients and improve our products, specifications are subject to changes without notice. T: 705-789-2900, F: 705-789-8798, Email: NLCanada@globalserve.net.
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