

# DMI Vehicle Installation Kit (PN-1030 / 1031)

The following steps will help you through a new installation or vehicle transfer of a Nu-Metrics Distance Measuring Instrument. Follow these simple steps exactly as outlined to avoid potential problems. If further assistance is required you may contact the Customer Service Department at (724) 438-8750.

## CAUTION!!!

### READ ALL OF THE STATEMENTS BELOW BEFORE BEGINNING

Care must be taken to avoid mounting any wiring or parts too close to heat producing equipment. It may be best to mount the parts in an area that will have some ventilation or under the dash of the vehicle

Route all wiring for this installation away from ignition wiring, spark plugs, distributor, alternator, coil, etc. to prevent possible interference with the DMI.

Safety goggles and protective clothing should be worn any time you are working with your vehicle's battery or the associated battery cables due to the possibility of battery explosion.

Failure to connect the power and ground leads directly to the battery may cause the engine noise to interfere with the accuracy of the DMI. Be sure to connect these leads directly to the battery posts.

**DO NOT** mount a Nitestar in any area that may block the driver's view of oncoming traffic.

**DO NOT** apply power to the terminal block by connecting the Red (positive) lead to the battery until directed by the installation procedure. This may cause damage to the Nitestar or it's associated hardware.

All comments, questions or concerns should be directed to the customer service department at (724) 438-8750.

## INSTALLATION PROCEDURE

**Step 1:** Using the #6-32 screws, mount the terminal block inside the engine compartment of the vehicle. The fender well is a good place to mount this terminal block provided all the wires reach their intended destination.

**Step 2:** Route the wire lug end of the wiring harness from the passenger compartment through the fire wall into the engine compartment. Wire the cable to the terminal block as shown in Figure 1 or 2.

**Step 3:** Connect the Red (positive) and the Black (negative) leads to the terminal block as shown in Figure 1 at this time.

**Step 4:** Connect the other end of the black (negative) lead to the negative terminal of the battery. You may at this time choose to remove the fuse from the Red wire and connect the Red wire to the positive terminal of the battery.

### DO NOT APPLY POWER TO THE TERMINAL BLOCK AT THIS TIME!

**Step 5:** If this is a new installation, mount the nitestar DMI in the passenger compartment of the vehicle using velcro and mounting bracket provided.

**Step 6:** You must now refer to Step 3 of the installation instructions for your Nu-Metrics electronic or mechanical sensor.



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Figure 1.

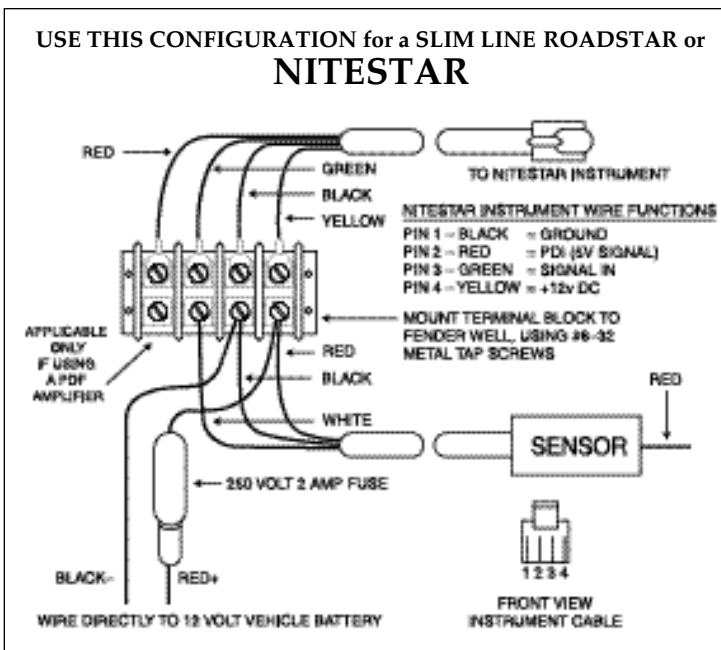


Figure 2.

