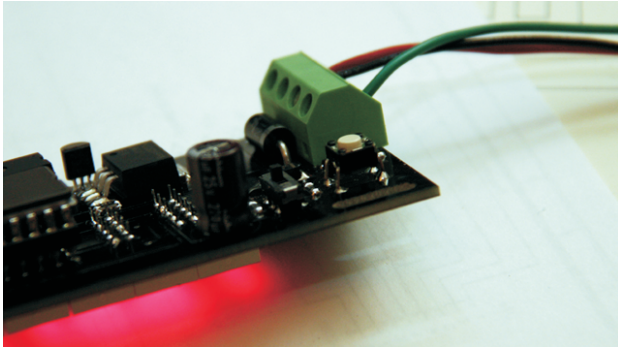


# Lectric Enterprises



www.knight-f2k4.com

## 9 Digit Odometer Instructions



Connect the +12v and Gnd to a 2 amp fused accessory terminal that is switched with your ignition key. The VSS connection should be made to the output shaft VSS sending unit of the vehicle. These are commonly located at the transmission output shaft.

Once you have made these connections, drive to a location with known marked distances such as an interstate highway with mile markers. Position your car to the starting point of the mile. Locate the slide switch on the back of the odometer unit and slide the switch to the "Calibrate" position and press the button ONCE. Your reading will reset to "00000000"

Drive to the next mile marker and your reading will be the exact pulses per mile as sent from your VSS sending unit. Press the button again. This will save your current pulses per mile reading to EEPROM. Slide the switch back to "Normal" and enjoy your new highly accurate odometer!

### Tips n Tricks...

I have added a speedometer in the programming of these units. The speedometer displays the actual vehicle speed and has a value of 0 ~ 99 and is displayed in the 7th and 8th digits. The speedometer is automatically calibrated when you calibrate the unit. When shipped, the unit is calibrated to 8000 PPM. This setting is standard for most of the 3rd generation firebirds and trans ams. Also, most of the Knight Rider conversions use the cyberdyne 8901 sending unit which is 8000 PPM.

### About your new unit...

The odometer has onboard EEPROM which is used to permanently save the odometer data each time the unit is powered off. This happens automatically in any case of the unit's power being turned off or disrupted in any fashion. For example, you disconnect the battery - NO DATA LOSS! Each time you drive and accumulate miles and turn the vehicle off with the ignition key, your mileage data is automatically saved, everytime. The calibrated information is also permanent until you re-calibrate.

