Shift Light Module Installation

Installation:

1) Always disconnect the ground lead from the vehicle battery before wiring any gauge.
2) Connect the **Red** wire to a switched <u>+12VDC</u> power source.
3) Connect the **Black** wire to a good chassis <u>ground</u>.
4) Connect the **Grey** wire to a good tachometer <u>signal</u>:
   a. Negative side of ignition coil
   [OR]
   b. TACH output of a high energy ignition system
5) Connect the **Blue** wire to the negative / ground side of the device you want to activate at the desired RPM. This connection is either Normally Open *(Blue wire provides ground AFTER the switch reaches desired RPM)* or Normally Closed *(Blue wire is grounded UNTIL switch reaches desired RPM)* according to the setting in program mode *(NO means Normally Open and will supply ground when selected RPM is reached, NC means Normally Closed and the switch will open when the selected RPM is reached)*. Factory default is Normally Open.

NOTE: If the device to which the Blue wire is attached draws more than 3 Amps, a relay must be used to drive that device or damage will occur to the unit.

Operation:

The unit comes preset at the factor for 8 cylinders, activation at 5000RPM and switch set to Normally Open (NO). The display will stay in a continuous program mode loop until it receives incoming tach signals. To change factory settings, turn the ignition on, but do not engage the starter. You can change the setting only prior to the unit receiving tach signals from your ignition system. Once your engine is started, the unit cannot be programmed until the engine is shut off and the ignition only is turned on. When the unit is turned on with no signal coming from the engine, the unit will display the setting for the rpm in 100 rpm increments. If you wish to change the rpm setting, you must press the left button while the rpm is being displayed. This will let the microprocessor know that you wish to change the setting. Continue to press the left button and the digital display will increase in 100 rpm increments up to 9900 rpm. If you wish to decrease the rpm setting, press the right button. After you have finished, the readout will continue to display your setting for a couple of seconds. Then it will proceed to the Normally Open or Normally Closed program section. The display will read NO or NC at this time. To toggle between NO and NC, simply press the left button until the desired setting is reached. Finally, to change the number of cylinders, wait until the unit is done displaying the NO/NC status at which time it will then display 8CYL, 6CYL, or 4CYL. Again, simply press the left button until the desired setting is reached and then you are finished. If at any time during this procedure the unit receives pulses from the engine; the unit will instantly jump into Tach/RPM switch mode. Therefore, once you initially set the unit up for NO/NC and number of cylinders and you only wish to change the rpm setting, you may instantly start the engine after you change the rpm setting. The unit will continuously loop in program mode until the engine is started.

Classic Instruments
826 Moll Drive
Boyne City, MI 49712
800-575-0461
www.classicinstruments.com