

**CENTROID  
PRODUCTS**

## 5V Regulator for 1965-70 Mustang fuel gauge

ORDERS ONLY: 386-423-3574 TECH SUPPORT: help@centroidproducts.com or fax: 386-423-3709 website: centroidproducts.com

### Background:

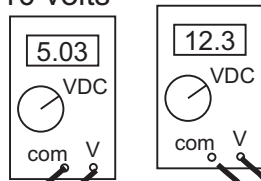
The 1965-'70 Mustangs supply their instruments with a regulated 5 volts. But the voltage is not regulated in the modern sense, such that it is steady 5 volts DC. Instead, the battery voltage is switched on and off quickly so that the average value of the pulsing voltage is 5 volts.

Unfortunately, this pulsing voltage confuses Centroid's capacitive senders. The circuit below can be used to provide a modern regulated 5 volts to the gauge, and thus through the gauge to the sender, which will allow the sender to work correctly.

MUSTANG.CDR drawing changes:  
 2/10/09 Update email address.  
 2/12/01 Clarify 12V connection.  
 8/20/99 Add discussion  
 8/25/99 Add voltmeter checks  
 8/25/99 Change header to '65-'70

expected:  
between 4.90  
and 5.10 volts

expected:  
between 11.0  
and 14.0 volts



5 volts to gauge instead of pulsing 5V (Just run the fuel gauge from this, not the other instruments)

