



## INSTALLATION INSTRUCTIONS

# DIGITAL IGNITION TESTER PART NO. 28359

The Mallory 28359 is a very accurate signal generator that can be used to test the operation of a vehicle's ignition system without actually starting the engine. It can also be used to test accessories that run from the ignition system, such as RPM limiters, RPM switches, tachometers and shift lights. Spring clips and a 2-pin Amp connector allow easy connection to a variety of ignition system types.

The display shows RPM, and the value "UP" and "DOWN" buttons change this value in 10 RPM intervals. If the "FAST" button is held down, the RPM will change in 100 RPM intervals. Holding the value buttons will, after a brief pause, allow the unit to autostep to quickly reach the desired RPM. The "MODE" button switches the display from RPM to cylinder number.

### OPERATING INSTRUCTIONS

The 28359 has 3 wires with spring clips: a red wire, which must be connected to a 12v source; a black wire, which is connected to vehicle ground, and a green wire, which is the points/electronic module trigger. There is also a 2-pin plastic AMP connector which plugs into popular aftermarket magnetic pickup connectors.

To use the 28359, connect the red and black wires to power and ground, and connect either the separate green wire to the "points" input of your ignition, or the 2-pin connector to the magnetic trigger input of your ignition.

**You must disconnect your distributor before connecting the 28359!**

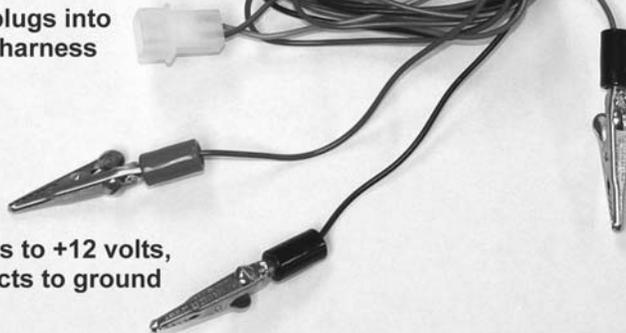
When the 28359 is connected to 12 volts and ground, the display will light up, showing the last used RPM setting, but the trigger output is disabled. This prevents the ignition from being triggered inadvertently when switching the ignition power on and off for other kinds of vehicle testing. To turn on the output, press the "FAST" and "MODE" buttons at the same time, then release both. Turning the output off is accomplished the same way.

With power on, press the "MODE" button so that the cylinder number is displayed (the rightmost digit will be a "C"). Use the "UP" and "DOWN" buttons to set the cylinder number if it is not correct. Once this is set, the 28359 will remember the value. Press the "MODE" button to return to the RPM display. If desired, press the "UP" and "DOWN" buttons until the desired starting RPM is displayed. Press the "FAST" and "MODE" buttons at the same time as described above, and the 28359 will start triggering your ignition. You can then vary the RPM to test RPM limiters, RPM switches, tachometers, etc., by using the "UP" and "DOWN" buttons. If you need to turn the output off without shutting the power off, just use the FAST/MODE button method described above. The 28359 will remember the last used RPM when the power is shut off.

Press **MODE** and **FAST** buttons  
at the same time to turn the  
output on and off.



2-pin connector plugs into  
magnetic pickup harness  
Orange is '+'  
Purple is '-'



Red wire connects to +12 volts,  
Black wire connects to ground

Green wire connects to the points  
or electronic module trigger input



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