

Oddfire Distributor From an Evenfire

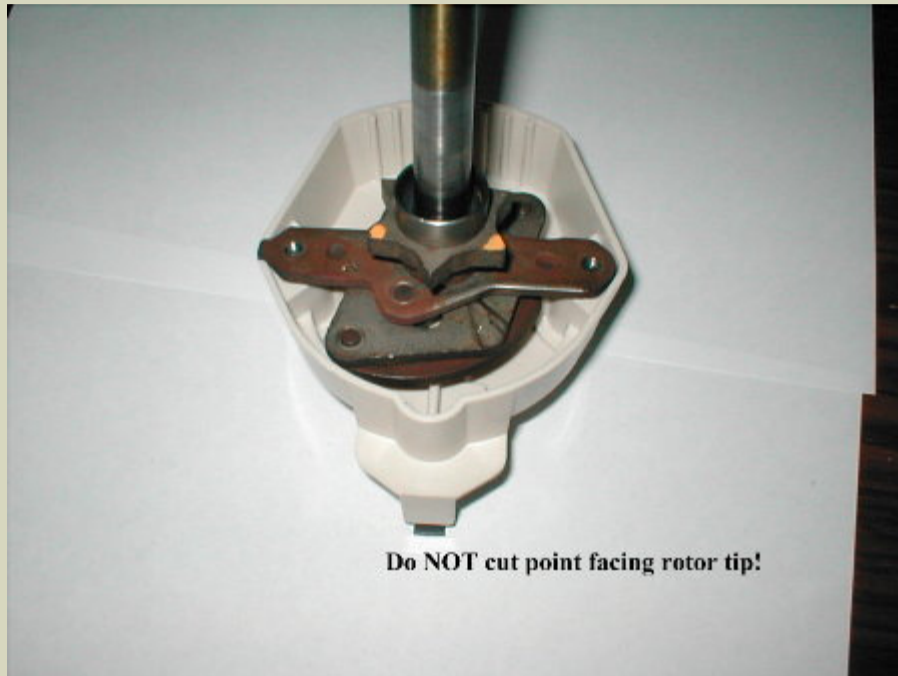
This article explains how to make your own oddfire distributor from any vacuum-type, non-computer controlled 231 Buick Evenfire distributor.

First, purchase a new pickup assembly, rotor and cap from an oddfire HEI distributor. Ask for parts from a 75 Buick Apollo with the oddfire 231. These parts are available at almost any parts store for around \$30.

Next, take the evenfire distributor apart by pressing out the rollpin in the lower gear. Slide the center shaft out of the housing.



The underside of the shaft has 6 evenly spaced "lobes" that cause the distributor to fire normally. Place the rotor on the shaft properly and find the point that faces towards the tip of the rotor assembly. Now make a "triangle" across the other points and mark the points that are NOT in the triangle. These 3 points will be carefully ground off the shaft. (Only 2 are shown in the picture below. The third is behind the shaft.)



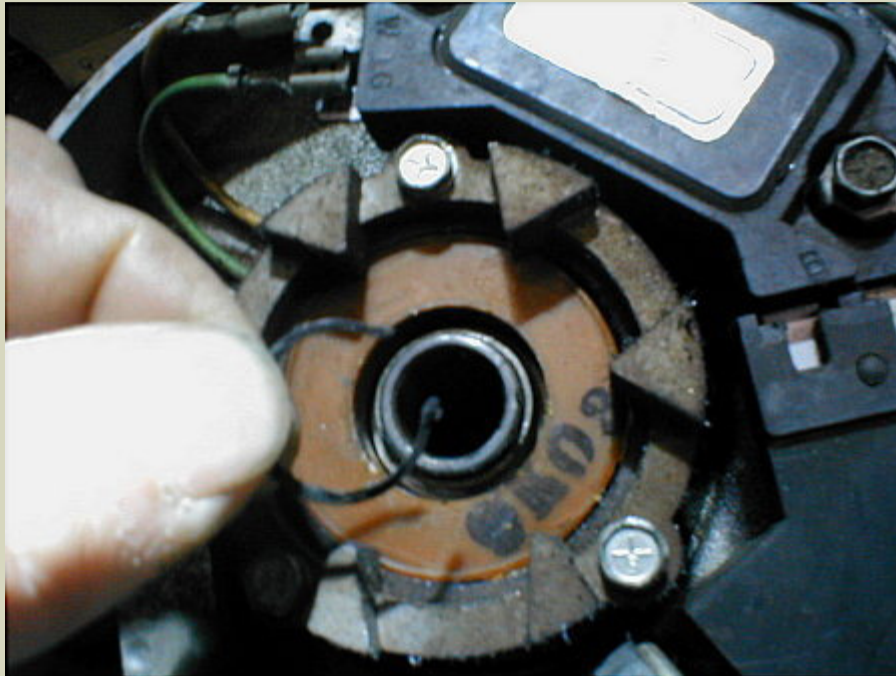
Do NOT cut point facing rotor tip!

Here is a picture of the 3 points ground off that are not used.

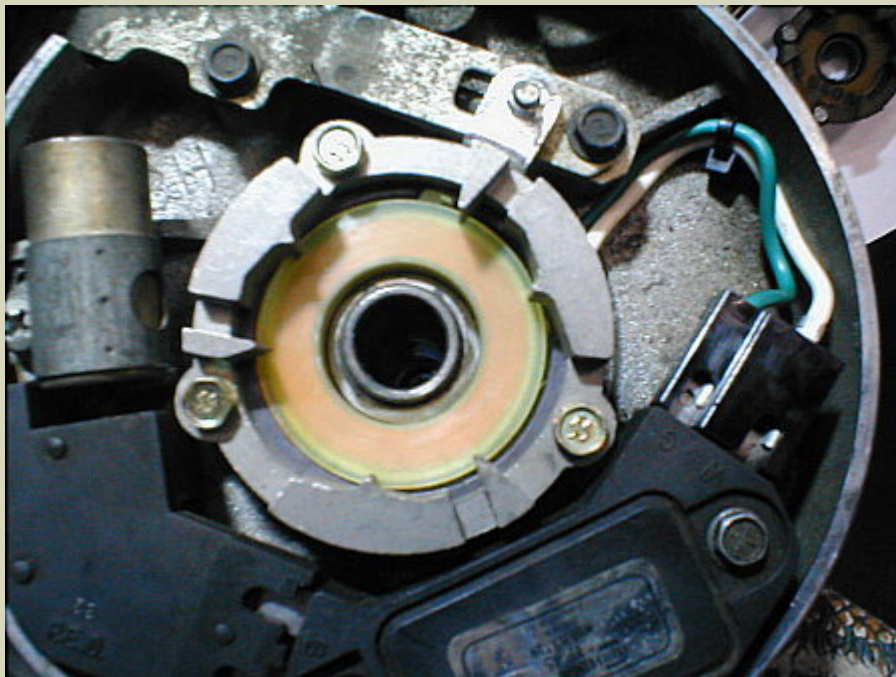


Finished product

Now take the retaining ring off the pickup module in the distributor housing and remove the evenfire module.



Replace the evenfire module with the new oddfire module and re-install the retaining ring. You can tell the two apart by the odd spacing of the 6 "points" on the new module.



Slide the modified shaft back into the distributor housing and check for clearance on the "lobes" of the pickup module. Adjust if necessary by loosening the 3 screws slightly and moving the pickup assembly. When finding TDC, make sure the "points" on the center shaft are pointing to the "wider" lobes on the pickup module and not the short ones. With the rotor pointing at #1 plug wire at TDC, the point directly under rotor on the center shaft

should be pointing at the "wider" lobe on the pickup module.

Install the lower gear and rollpin, and then the rotor. Now you're ready to install the new "Oddfire distributor" in the engine! Regap the spark plugs to .060 for the 75 Buick engine. I looked into the price of a rebuilt oddfire HEI distributor and the average price was around \$130-\$160. You can pick up an evenfire from a junkyard for around \$20. Total cost for my changeover was \$45+tax.

This information is provided for informational purposes only. By using the information above you agree not to hold CJOffroad.com or the writers liable for any damage to you or your vehicle as a result of your actions