

# Optimized Spark, Peak Current

## Plug and Play Capability

The Speedmaster El Rayo ignition system is designed for the serious performance enthusiast requiring the small cap size due to space considerations when installed. The distributor features plug and play capability to either your coil or ignition box!



# Patent Pending Guided Wire Retainer

---

It's a painful experience to try and locate the allen head on your distributor once it's installed. This guided wire retainer makes removing your cap a breeze.

## Universal Allen Key

We've decided it would be much easier to have one universal allen head size on every bolt that keeps this unit together. It'll make things a little easier for you.



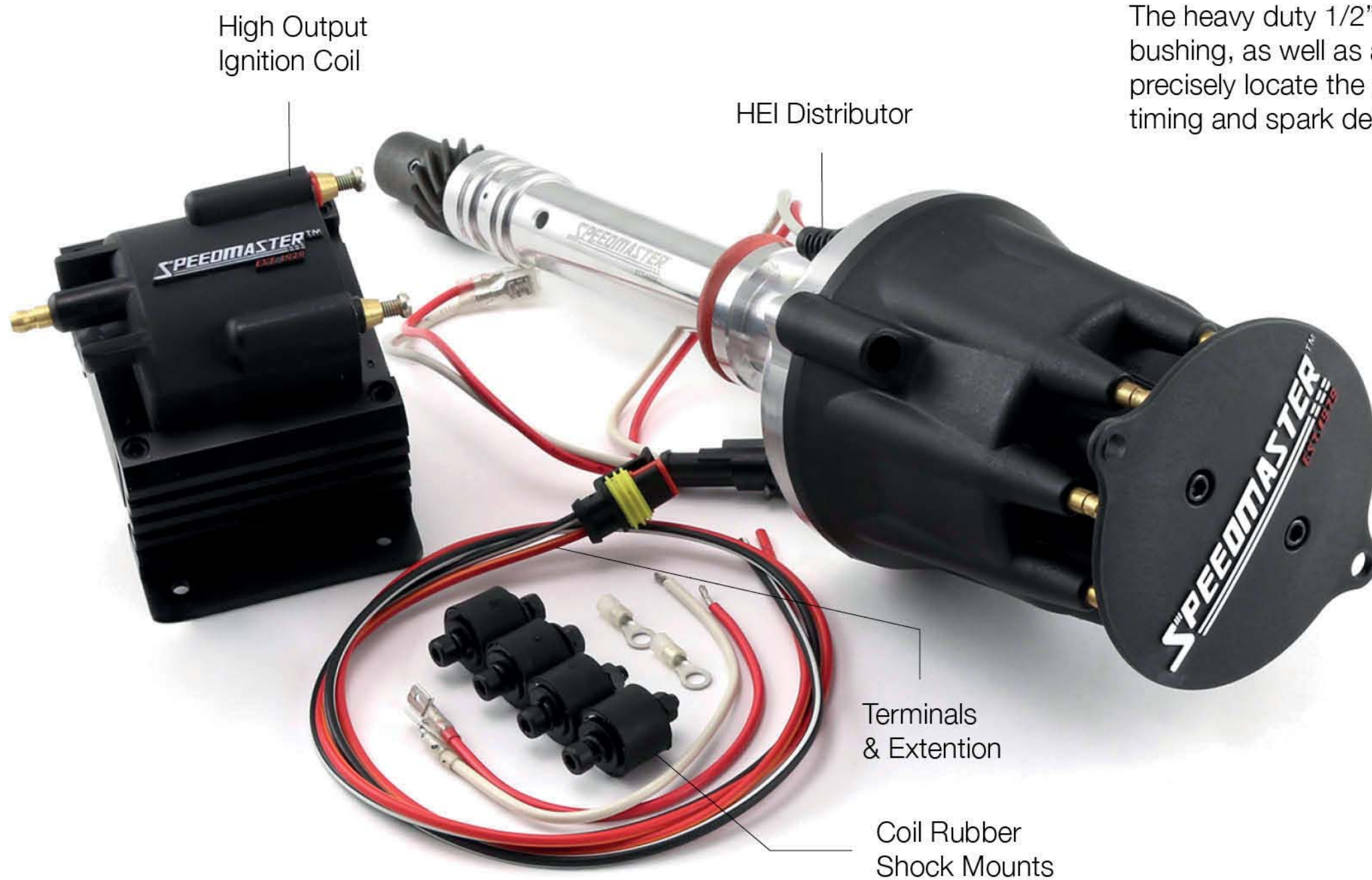




Speedmaster<sup>®</sup>  
Patent Design

# Spark Delivery At Any RPM

The heavy duty 1/2" steel shaft is guided in a long sintered bushing, as well as a sealed ball bearing at the top to precisely locate the reluctor. This combination yields stable timing and spark delivery at any RPM.



# High Output El-Rayo Ignition Coil

The highly efficient Speedmaster El-Rayo high output coil features a closed core design, minimising energy loss where it occurs during the transfer of electricity.

## Runs Cooler

This coil runs extremely cool, even at high racing rpm thanks to design efficiency and huge laminations.







'spark plug'  
type terminals



Metal Threaded  
Inserts

# Extremely Accurate Magnetic Pickup

---

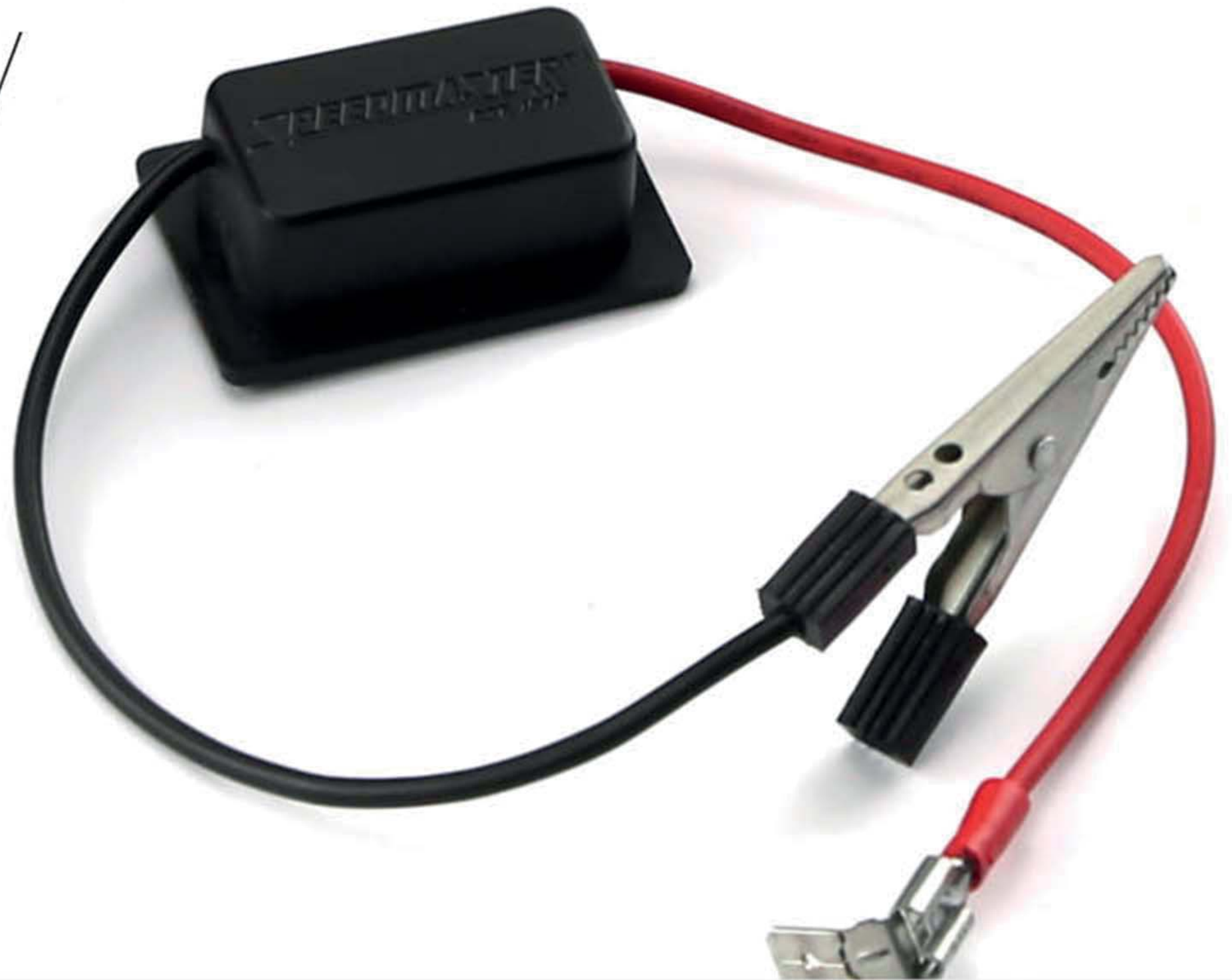
Under the brass terminals of the cap and rotor is an extremely accurate magnetic pickup that never requires adjustment, along with an easy to adjust mechanical advance mechanism.

# Secure Wire Attachment

The 'spark plug' type brass terminals offer secure wire attachment to the unit.

# Practicality

Test this efficient E-core winding design with your Speedmaster voltage tester!



Voltage Tester Included



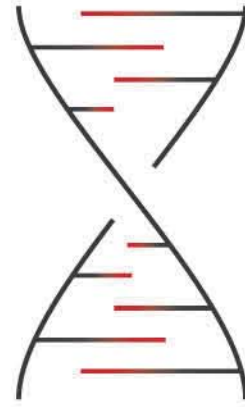


# Strength

These units are precision CNC machined from billet 6061-T6 aluminum to exacting tolerances.

Billet CNC Machined

# DNA Packaging



## Our Visually Distinctive DNA

At Speedmaster, we're delivering more products patents, SFI approvals and NHRA approvals, but we have committed to doing it in the best possible fashion. Presenting to you our prized DNA packaging!



Prevent shipping damage



Quality packaging



Environmental Awareness





**Brand:**Speedmaster  
**Part Number:** 1-385-004  
**Part Type:**Ignition System Combo Kits  
**Product Line:**El Rayo

**Advance Type:**Mechanical  
**Ignition Box Included:**No  
**Rev Limiter:**No  
**Ignition Coil Included:**Yes  
**Coil Style:**E-core  
**Distributor Included:** Yes  
**Wiring Harness Included:** Yes  
**Spark Plug Wires Included:** No  
**Spark Plugs Included:** No  
**Quantity:**Sold as a kit.

Speedmaster El Rayo ignition system are designed for the enthusiast that is serious about performance but needs the small cap size due to space considerations when installed. They are precision CNC machined from billet 6061-T6 aluminum to exacting tolerances. The "spark plug" type terminals offer secure wire attachment. Under the brass terminals of the cap and rotor is an extremely accurate magnetic pickup that never requires adjustment along with an easy to adjust mechanical advance mechanism. The heavy duty 1/2" steel shaft is guided in a long sintered bushing as well as a sealed ball bearing at the top to precisely locate the reluctor. This combination yields stable timing and spark delivery at any RPM.

Speedmaster El Rayo high output coil features a very efficient design where less loss occurs during the transfer of electricity due to the closed core of the coil. Another benefit is that the coils run extremely cool, even at high racing rpm, thanks to the efficient design and huge laminations.

**Features:**

- Efficient E-core winding design produces more voltage and current
- 85:1 turns ratio and lower primary resistance produce high voltage output
- Windings are encased in red epoxy and secured with extruded brackets
- Spark plug style terminal and threaded brass primary studs
- Supplied with rubber shock mounts

Speedmaster El Rayo distributors are a completely self contained high performance, high output ignition ideal for your hot rod! The "spark plug" type terminals offer secure wire attachment. Under the brass terminals of the cap and rotor is an extremely accurate magnetic pickup that never requires adjustment along with an easy to adjust mechanical advance mechanism.