

Flame-Thrower[®]

Street - Strip HEI

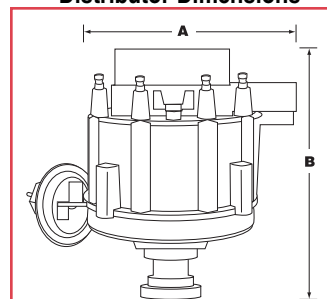
**Finally...
An HEI distributor with
a coil and module engineered
to work together!**

Features and Specifications:

- Performs misfire free up to 7500 RPM, nearly 3000 RPM higher than the original factory HEI.
- Produces 67% more energy in the coil with 45% faster spark breakdown time delivering twice the energy across the spark gap.
- Testing shows that spark duration and more spark energy allow wider plug gaps (.050"-.055") increasing flame kernel growth for more efficient combustion.
- New aluminum housing cast and machined from strong but lightweight A384 alloy.
- High quality bronze sintered bushings are installed and aligned bored for accuracy and extended mileage use.
- A centerless ground corrosion resistant shaft reduces friction and provides concentric operation.
- A hardened steel distributor gear is machined to exact tolerances for a tighter mesh with the cam gear eliminating horsepower losses caused by timing fluctuations found with excessive clearance and wear.
- Supplied with a high dielectric strength cap with solid brass terminals, a balanced rotor and low resistance center coil brush and nylon rotor hold-down screws to prevent high RPM arching.
- Comes with adjustable ignition vacuum advance and a factory installed high performance mechanical curve kit with precision machined chromoly weights and center plate.
- Meets stringent automobile susceptibility, vibration and shock requirements impervious to typical automobile voltage transients.
- Legal in all 50 states and Canada (C.A.R.B. E.O. #D-57-5).
- Limited One Year Warranty.



Distributor Dimensions



Application	Dimension	
	A	B
Chevrolet	6.295	7.53
Ford	6.295	9.482
Oldsmobile	6.295	8.50
Pontiac	6.295	9.10

	Finish	Black Cap Part No.	Red Cap Part No.	Blue Cap Part No.
Chevrolet				
SB and BB engines (standard deck height)	Cast	D1000	D1001	D1002
SB and BB engines (standard deck height)	Machine polished	D1050	D1051	D1052
Oldsmobile				
260-455 cid. V8 engines	Cast	D1100	D1101	D1102
Pontiac				
301-455 cid. V8 engines	Cast	D1200	D1201	D1202
Ford				
221-302 cid. V8 engines	Machine polished	D1350		D1352

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Flame-Thrower®

Race HEI

Now available for small and big block Chevy, small block Ford, Pontiac and Olds V8 applications. Our HEI race distributors offer these additional features and benefits:

Features and Specifications:

- Between 6000 and 8500 RPM, compared to our street/strip version, the race only unit produces 42% more energy in the coil with 46% faster spark breakdown time allowing 48% more peak current to reach the spark plug.
- Our race only 7.2 amp rated module (D2070) and 50,000 volt rated .35-ohm primary resistant coil (D3070), are also available separately for racers who want to tune up their existing distributors.
- To maximize combustion burn time at high RPMs, rotor phasing is optimally and rigidly set by a vacuum lockout mechanism.
- At high RPMs, our gas brazed mechanical advance mechanism ensures precise timing, reduced distortion and improved mechanical reliability.
- Race distributors come with precision machined chromoly weights and center plate curved to 23 crankshaft degrees of advance from 3000 RPM up with additional spring sets provided for fine tuning your application.
- Great for both circle track and drag race applications particularly when factory type HEI distributors are mandated, our all-new race distributors out perform the more expensive "custom" remanufactured units.



D1070

	Finish	Black Cap Part No.	Red Cap Part No.	Blue Cap Part No.
Chevrolet				
SB and BB engines (standard deck height)	Cast	D1070*	D1071*	
Ford				
221-302 cid. V8 engines	Machine polished	D1370*		D1372*
Oldsmobile				
260-455 cid. V8 engines	Cast	D1170*	D1171*	NEW
Pontiac				
301-455 cid. V8 engines	Cast	D1270*		D1272* NEW

* Not legal for sale or use on pollution controlled motor vehicles

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NEW

EST DISTRIBUTOR

Our new high performance distributor for SB/BB GM late model computer controlled (EST) applications dramatically improves high RPM performance. When used with our Flame-Thrower remote mounted coil, voltage to the spark plugs is increased by more than 40%. The distributor is a direct bolt in for most 1987-1993 GM cars and 1987-1995 trucks.

Features and Specifications:

- New aluminum housing cast and machined from strong but light A384 alloy.
- Ignition modules are laser trimmed for precise peak current control and use thick film technology for greater accuracy and improved reliability.
- Comes with a high dielectric strength cap and rotor with solid brass terminals to prevent high RPM arcing.
- Centerless ground corrosion resistant shaft reduces friction and provides concentric operation.
- High quality bronze sintered bushings are installed and aligned bored for accuracy and extended mileage use.
- A hardened steel distributor gear is machined to exact tolerances for a tighter mesh with the cam gear eliminating horsepower losses caused by timing fluctuations found with excessive clearance and wear.
- Marine Approved
- Legal in all 50 states and Canada (C.A.R.B. E.O. #D-57-13).
- Limited One Year Warranty.



Marine Approved

D1021

Chevrolet	Finish	Black Cap Part No.	Red Cap Part No.	
SB and BB engines (standard deck height)	Cast	D1020	D1021	NEW

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High Performance Modules

4-pin HEI module Street-Strip 6.9 AMP (E.O.# D-57-7)	Part. No.	D2000	
4-pin HEI module Race Only 7.2 AMP	Part. No.	D2070*	
8-pin EST module	Part. No.	D2002	NEW

Flame-Thrower 50,000 Volt Coils

HEI Street/Strip coil, red/yellow wire 0.50 Ohm	Part. No.	D3000	
HEI Street/Strip coil, red/white wire 0.50 Ohm	Part. No.	D3001	
HEI Race Only coil, 0.35 Ohm	Part. No.	D3070*	
EST (external) performance coil	Part. No.	D3002	NEW

Flame-Thrower Tune-up Kits

Everything you need to "wake up" your stock Chevy, Olds, Pontiac, Cadillac or Buick distributor. Kits include street-strip 4-pin module and coil combination, premium rotor and cap, custom Flame-Thrower coil cover, adjustable vacuum advance canister, hi-performance advance kit, wire harness and capacitor, and complete installation hardware.

	<u>Black</u>	<u>Red</u>	<u>Blue</u>
Chevrolet and Cadillac V8 black cap	Part. No. D8000	D8001	D8002
Buick, Oldsmobile, Pontiac and Corvette (1981-91) .Part. No.	D8010	D8011	D8012

Premium Caps and rotors

Made from hi-performance 60 KV rated alkyl molding compound for superior protection from "arc-thru" and cross-fire. Includes nylon rotor hold-down screws.

	<u>Black</u>	<u>Red</u>	<u>Blue</u>
HEI premium cap and rotor	Part. No. D4000	D4001	D4002
HEI premium cap only	Part. No. D4050	D4051	D4052
HEI premium rotor only	Part. No.	D4061	D4062
EST premium cap only	Part. No. D4150	D4151	
EST premium rotor only	Part. No. D4260		

Vacuum Advance Lockout

Clockwise Lockout	Part. No.	D9010
Counter Clockwise Lockout	Part. No.	D9011

Adjustable Vacuum Advance Canister

Allows you to optimize ignition advance for maximum part throttle performance.

Adjustable Vacuum Advance Canister	Part. No.	D9006
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Performance Advance Curve Kit

Precision machined chromoly weights and center plate eliminate erratic timing. Three sets of springs and complete installation instructions make recurring your distributor easy.

Advance Curve Kit	Part. No.	D9001
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Dust Cover only

Increased space helps coil run cooler.

HEI Coil Dust Cover	Part. No.	D9000
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Wiring Harness and Capacitor

Premium quality wire harness and capacitor insure good connections and "static free" operation.

Harness/Capacitor	Part. No.	D9007
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D2000



D3000



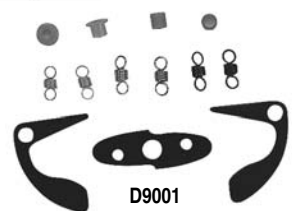
D80001



D4001



D9006



D9001

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Billet "PLUG n PLAY"

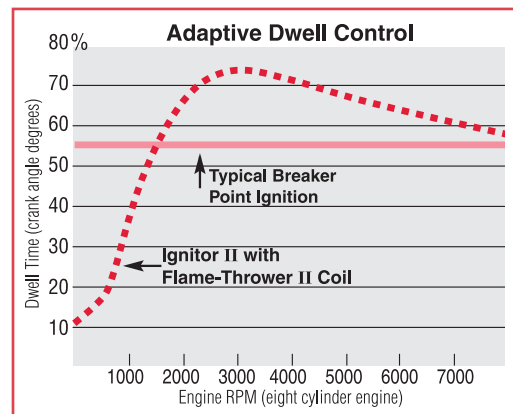
New "Plug n Play" technology at a price you can afford! No ignition box required.

Features and Specifications:

- Distributors feature the patented Ignitor II ignition module with adaptive dwell control.
- Ignitor II modules use a Hall Effect integrated circuit triggered by a special magnetic sleeve fitted to the distributor shaft resulting in stable timing and precise spark distribution.
- A powerful micro controller with adaptive dwell algorithms allows the module to adjust the dwell angle to maintain peak energy throughout the entire RPM range, increasing both high and low RPM performance.
- Ignitor II compensates for inherent electronic delay by adjusting the spark timing over the entire RPM range.
- Because peak current level is reached just prior to spark, ignition energy is sustained with less heat build-up in the coil and module.
- CNC machined housings have +0.000 to -0.003 tolerances and are polished to a high luster.
- Tempered oversized diameter shafts (GM applications .500") have low torsion displacement resulting in more accurate timing and longer life.
- A top roller bearing and an oil impregnated bronze sintered bottom bushing reduce friction and high RPM vibration.
- A machined heat-treated gear insures durability plus tighter mesh with the cam gear eliminating horsepower losses caused by timing fluctuations.
- Distributors come with a factory set performance advance curve with addition springs provided for custom advance curves.
- A proprietary mechanical advance adjustment feature is easy to use and allows a number of settings for limiting the maximum mechanical advance.
- High dielectric strength cap with brass terminals and premium rotor.
- Compatible with most Capacitive Discharge Systems.
- Legal in all 50 states and Canada (C.A.R.B. E.O. #D-57-12) *
- Warranty: 30 months Ignitor II module/Limited 1 year mechanical.



**Built-in
Ignitor® II
Technology**



* Non vacuum advance distributors do not have an E.O. number and are not legal for sale or use on pollution controlled motor vehicles

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“Plug n Play” Billet Distributor

	Black Cap Part No.	Red Cap Part No.	
Chevrolet			
Vacuum advance distributors			
SB and BB engines (standard deck height) female cap	D100700	D100701	
SB and BB engines (standard deck height) male cap	D100710	D100711	<i>NEW</i>
Non Vacuum advance distributors			
SB and BB engines (standard deck height) female cap	D100800*	D100801*	<i>NEW</i>
SB and BB engines (standard deck height) male cap	D100810*	D100811*	<i>NEW</i>
Chevrolet Marine			
Marine SB and BB engines (standard deck height) female cap	D200800	D200801	<i>NEW</i>
Marine SB and BB engines (standard deck height) male cap	D200810	D200811	<i>NEW</i>
Chrysler			
Chrysler 273, 318, 340 and 360 cid. engines		Coming Soon!	
Chrysler 383 and 400 cid. engines		Coming Soon!	
Chrysler 426 and 440 cid. engines		Coming Soon!	
Ford			
Vacuum advance distributors			
Ford 221, 260, 289 and 302 cid. engines female cap	D130700	D130701	<i>NEW</i>
Ford 221, 260, 289 and 302 cid. engines male cap	D130710	D130711	<i>NEW</i>
Non Vacuum advance distributors			
Ford 221-302 female cap	D130800*	D130801*	<i>NEW</i>
Ford 221-302 male cap	D130810*	D130811*	<i>NEW</i>
Ford 351W engines		Coming Soon!	
Ford 351C, 351M, 400, 429 and 460 cid. engines		Coming Soon!	
Ford Marine			
Marine Ford 351C, 351M, 400, 429 and 460 cid. engines		Coming Soon!	
Marine Ford 351W cid. engines		Coming Soon!	
Volkswagen			
Type I engines		Coming Soon!	

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D200801

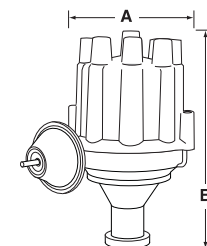
**Marine
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D130700



D100711



Service Parts:

Parts and Accessories

Module kit	D500700
Vacuum Canister	D701700
Advance Spring Kit	D700700
Vacuum lockout (clockwise rotation)	D702700
Vacuum lockout (counter clockwise rotation)	D703700

	Black Cap Part No.	Red Cap Part No.
Caps and Rotors		
Female terminal cap and rotor kit	D600700	D600701
Male terminal cap and rotor kit	D600710	D600711
Female terminal distributor cap only	D650700	D650701
Male terminal distributor cap only	D650710	D650711
Marine female terminal cap only	D651700	D651701
Marine male terminal cap only	D651710	D651711
Rotor only	D660701	

Application	Dimension	
	A	B
Chevrolet	5"	8"
Ford	5"	8"

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