

Corvair Electronic Distributor Information Packet

Unit Description

The all-new design replacement distributor for the Corvair is the perfect upgrade for outdated or worn-out points-type distributors. Simply install the distributor in the engine, connect three wires, add power to the 12V coil and fire it up! A maintenance-free magnetic pick-up accurately triggers the module. The increased output of the amplifier will easily outperform the stock ignition. It will smooth out the idle, improve starting and provide spark through a much higher rpm range. Included is an adjustable mechanical advance kit which allows you to custom tailor an ignition curve to match your engine's needs. A vacuum advance canister is installed to help improve street economy. For racing, the Vacuum unit can be removed (a block off plate is included).

Features

Complete Ready-to-Run system – Self contained

Simple and clean installation with only three wires to connect

Electronic High Energy ignition system included.

Powerful built-in module produces a high-amperage single spark through high rpm

Magnetic-pulse pickup triggers internal electronics

Full vacuum advance and mechanical advance

Easy-to-adjust mechanical advance with supplied springs and stop bushings

Mechanical advance assembly can be locked out for crank trigger systems

Vacuum block-off plate included for competition

Uses easily available GM parts and aftermarket accessories

Unit requires 12 Volts at the coil connection – Easy connections

Update to any 12 volt coil or add a high performance Coil – **Do not use stock coil.**

Optional cap design and color for HEI (pin type) cap or OEM (well-type) cap

Dist. clears top shroud and fan belt pulleys – except for smog pump and some A/C applications

CNC machined billet aluminum housing and billet aluminum base

Magnetic pickup and precision reluctor create stable trigger signals throughout the rpm range

Explanations of Caps and clearances

Two different styles of cap are available. The standard pin-type cap requires HEI wire boots. This style cap is available in black, red or blue color. The optional well-type (OEM-style) cap can use standard type ignition wires. It is only available in black. The well-type cap is actually a mid-60s GM points-distributor design, similar, but not the same as the original Corvair. When using the pin-type design, great flexibility for rotation of the distributor to set initial advance is retained, similar to a stock Corvair. Almost no shroud contact.

Guide Chart for applications

Application	Installed Distributor Configuration	
	OEM Style Cap	Pin-type Cap - red, black, blue
1961-69 2-Carb Corvair - Standard wires	Yes	No
1961-69 2-Carb Corvair - HEI wires	No	Yes
Turbocharged Motors - all years	Yes - See Note #1	Yes - See Note #1
Corvair motor w/close mounted A/C compressor	No	No
Corvair motor w/high mounted A/C compressor	Yes	Yes
Corvair Motor w/smog pump installed	No	No
Four Carb Motor 1965 linkage on Pass Secondary	Yes - See Note #2	No
Four Carb Motor 1966 linkage on Pass Secondary	Yes	Yes
Weber Carb motor or most EFI	Yes	Yes
Racing applications w/Mechanical Advance only	Yes	Yes
Racing applications w/Computer Controlled Advance	Yes – See Note #3	Yes – See Note #3
Notes:		
#1 Advance curve must be altered. No Pressure retard available		
#2 Linkage is very close to cap/wires but will clear (Not recommended)		
#3 Mechanical Advance can be locked out totally		

Early 140HP secondary throttle bell crank interferes with the cap – late 140 bell crank can be substituted and clears everything. Shortening of the Primary-Secondary rod is necessary.

Currently no pressure retard unit is available. A turbo-charged engine will require external boost control of timing. Ask about options. Corvair pressure retard unit does not fit.

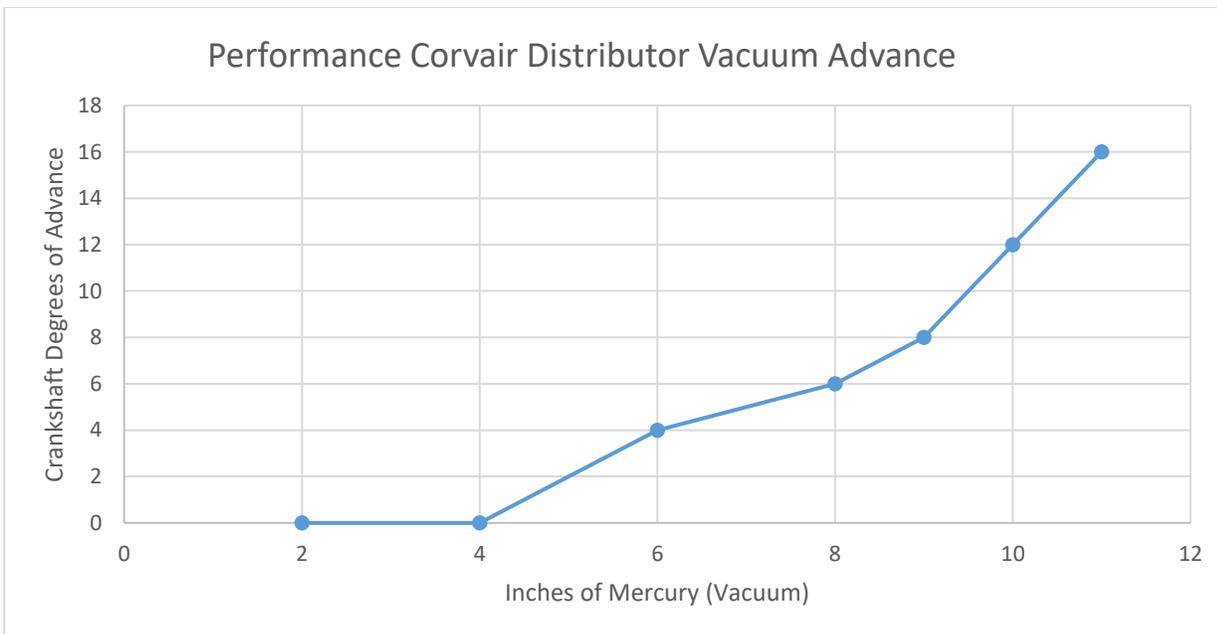
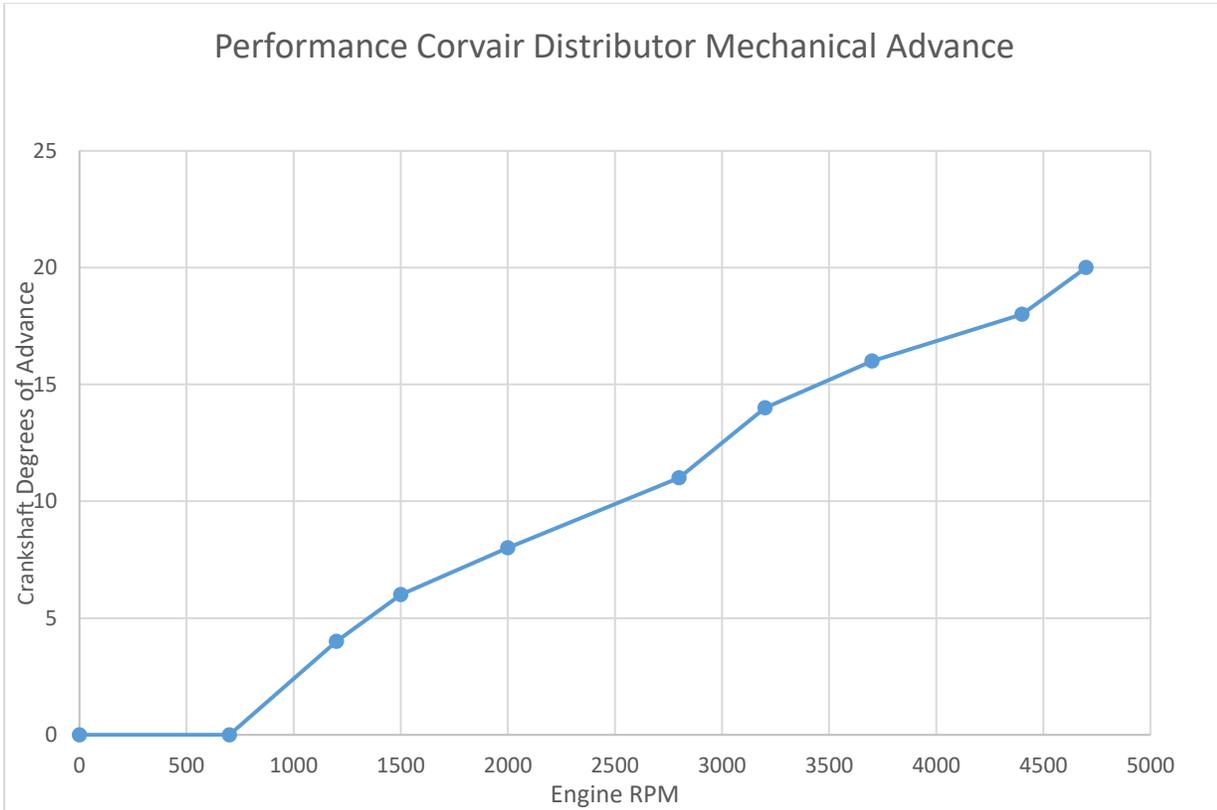
Will clear high-mounted air conditioning compressors. May not clear smog pumps (A.I.R.)

Pricing – Standard Distributor with pin-type cap \$200

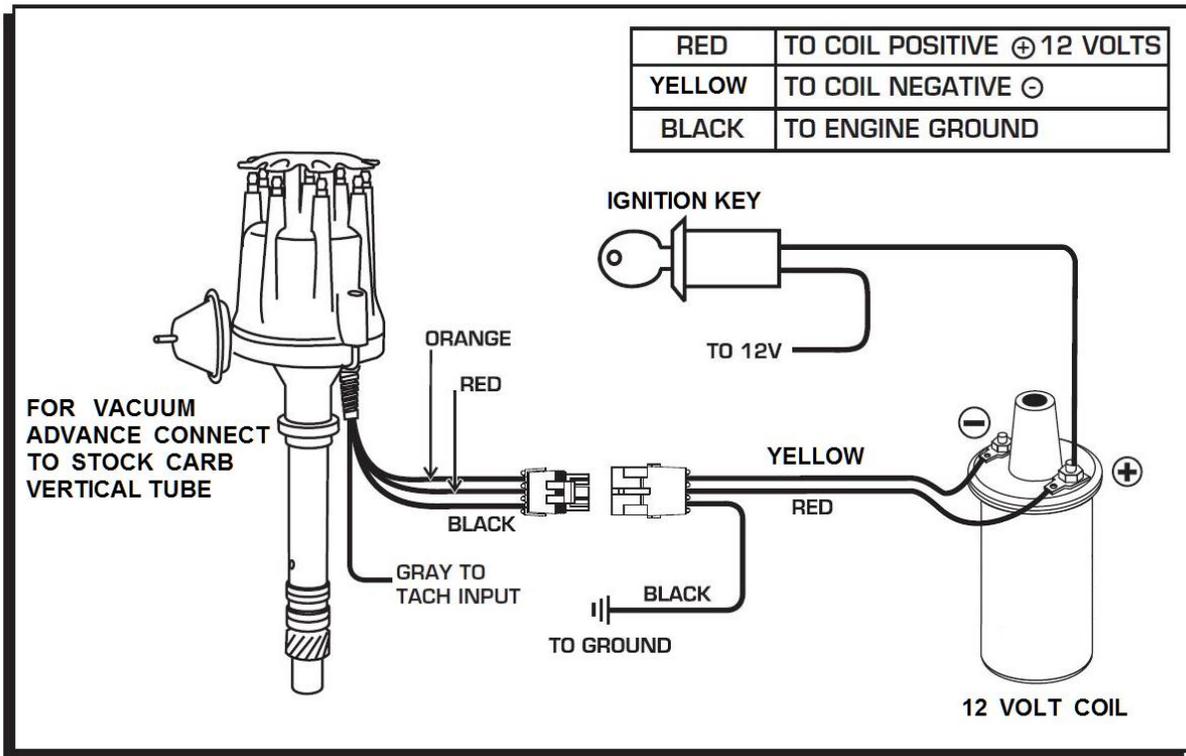
Distributor options. (Prices with distributor purchase, **Option prices include shipping**)

- Choice of black, blue or red pin-style cap (**no cost option**)
- HEI style 8mm wire set to match pin style cap - **\$35** (all colors available)
- Black OEM style cap - **\$18 (replacing Pin-type cap)**
- New 12 Volt coil – Choice of Black/Red/Blue – designed for this system **\$35**
- Optimized Wiring Harness (shortened for Corvair) - **\$8 (exchanged)**
- 12 Volt power coil connection wire (61-64 or 65-69) - **\$8 (specify early or late)**
- Shipping **\$20 – US Postal Priority Mail**
- Roger Parent designed 140 bellcrank mount. Specify OEM or Roger’s linkage **\$10**

Curve of Mechanical and Vacuum advance – as delivered



Connection (Pardon the V8 Distributor in the picture)



List of compatible coils - – Stock coil must be replaced with 12 V coil.

Brand	Part Number	Street Coils that are rated for use at 12V -Stock fit	Feature/Name
Accel	8145		Yellow
	8145C		Chrome
Crane	730-0020		Black
	730-0040		Chrome
MSD	8202		Blaster 2
Perf Corvair	12 Volt Coil		Red/ Black/Blue
NAPA/Balkamp	BK # S67080		
Pertronix	45001		Chrome
	45011		Black
	45111		Epoxy filled Black
Speedmaster	PCE.382.1014		Pin type input
Taylor/Vertex	718210		Chrome
	718213		Red
	718211		Black
Jegs Brand	40105		Red

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