

Corvair Electronic Distributor Information Packet 2020

Available through most Corvair Parts suppliers

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The all-new design replacement distributor for the Corvair is the perfect upgrade for outdated or worn-out points-type distributors.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 a 3.0 Ohm, 12 volt 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 also now available in black/Blue and Red. The well-type cap is actually a mid-60s GM points-distributor design, similar, but not the same as the original Corvair. The newest versions have no "window", like the original GM caps used. Either design offers great flexibility for rotation of the distributor to set initial advance, 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.

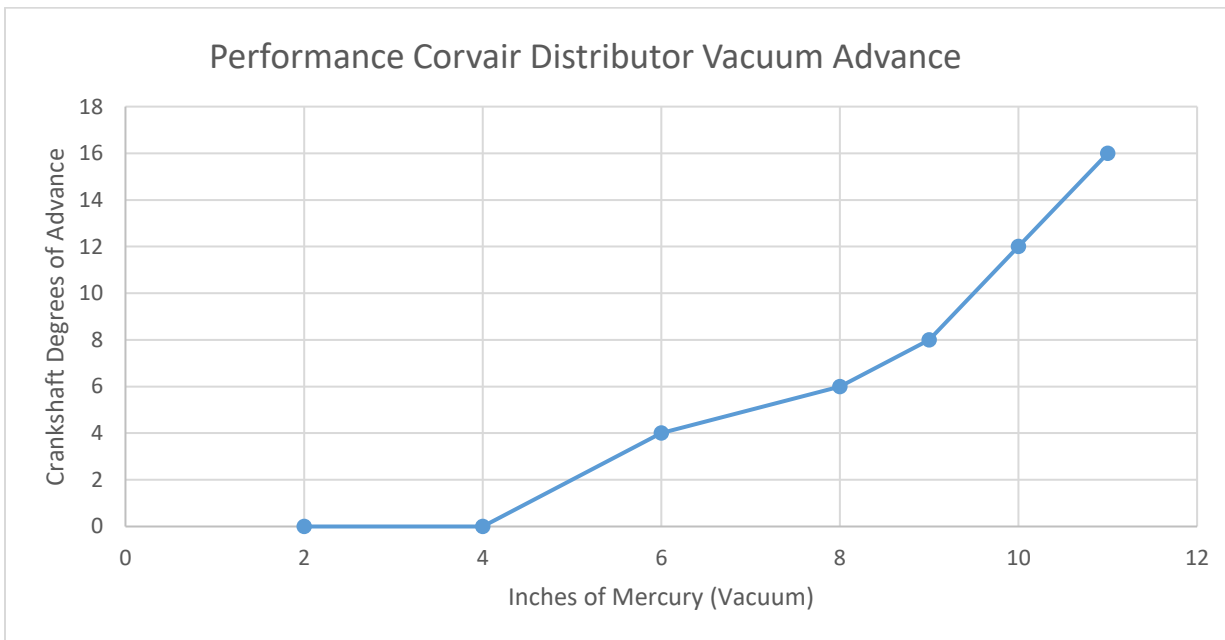
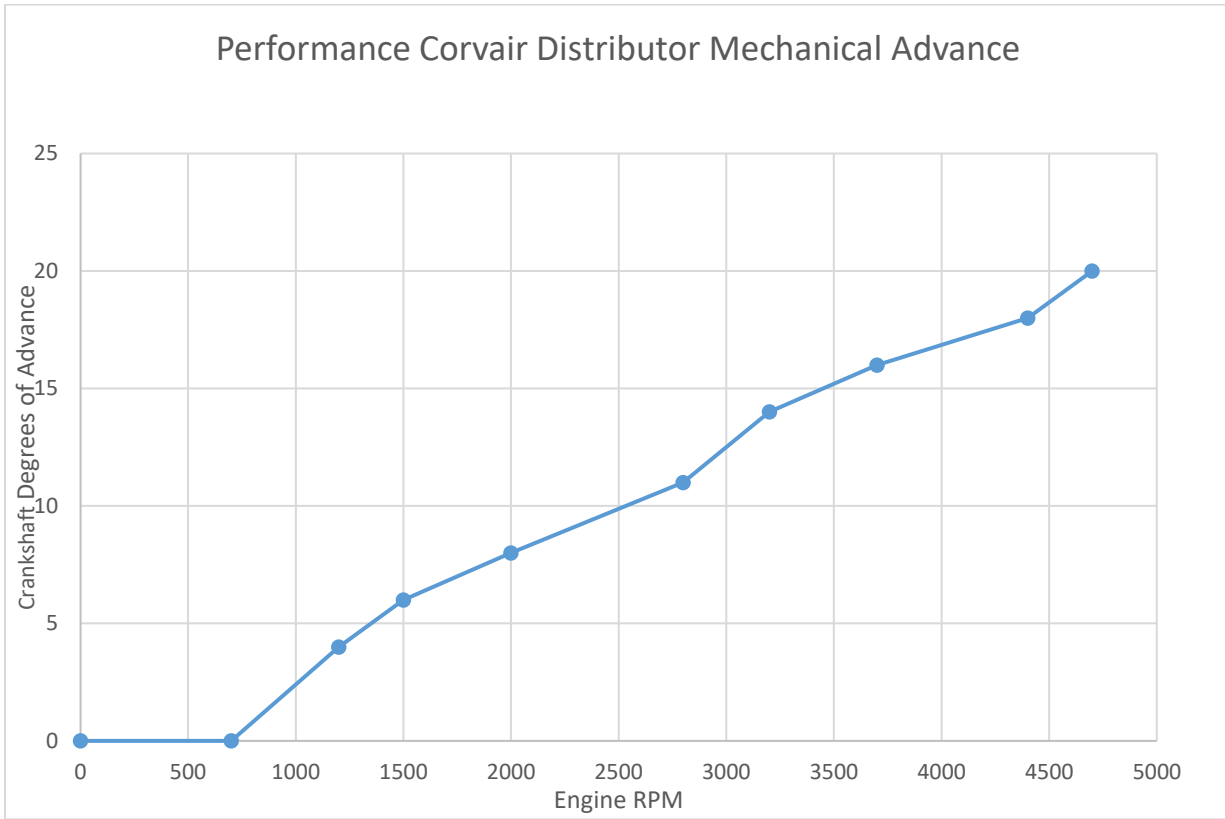
Currently no pressure retard unit is available. A turbo-charged engine will require external boost control of timing. Ask about options. Corvair pressure retard unit does not fit.

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

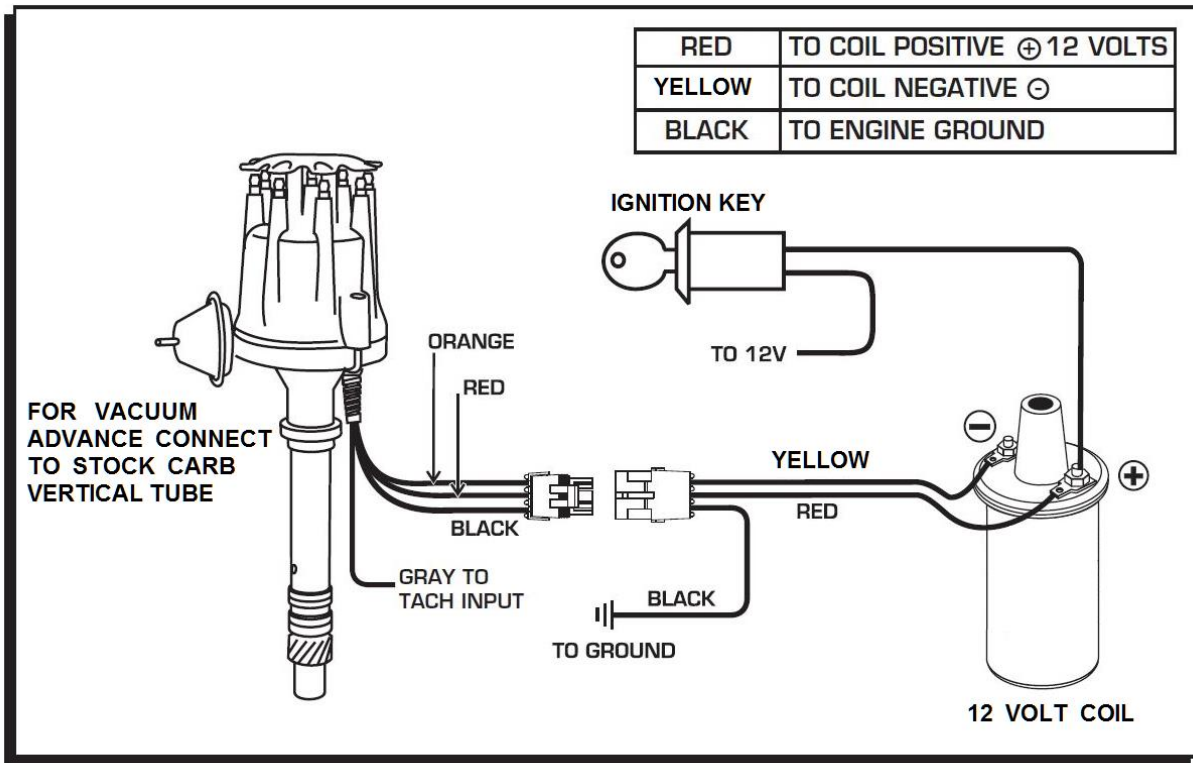
Pricing – These items are available from Silicone Wire Systems

- HEI style 8mm wire set to match either style cap - **\$42** (all colors available)
- Black/Blue/Red OEM style cap - **\$20**
- Optimized Wiring Harness (shortened for Corvair) - **\$15**
- 12 Volt power coil connection wire (61-64 or 65-69) - **\$8 (specify early or late)**
- 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 recommended coils -- Stock coil must be replaced with 12 V coil

3.0 Ohm rated coils

- Pertronix Flamethrower Coils– Not Flamethrower 2
- P/N 40501 - P/N 40511 - P/N 40601 - P/N 40611 - P/N 60130
- Standard Motor products P/N UC15 – P/N UC15T
- Comp-U-Fire P/N 30352 - P/N 30354 – P/N 30356

Silicone Wire Systems

3462 Kirkwood Dr.

San Jose, CA 95117-1549

E-Mail to: sethracer@aol.com

(408) 247-2237 - Seth Emerson