

The Model PR-360EL is a single-fire electronic ignition system for all years of the Honda CB360, CL360, and CJ360T twins.

The system works with a pair of single-tower coils, each cylinder firing independently once per 720 degrees of crank rotation; there is no "waste spark." The PR-360EL is compatible with OEM coils, as well as performance aftermarket coils having a primary resistance between 3 ohms and 5 ohms.

The PR-360EL ignition incorporates fully electronic advance-retard, and does away with the OEM centrifugal-advance mechanism.

Other features of the system include:

- **Hall-effect sensor pickups**  
These non-contact, no-wear magnetic-sensitive devices are resistant to temperature and oil contamination, providing consistent, accurate timing information to the control module.
- **Trigger rotor mounts directly to camshaft**  
The trigger rotor, which carries the flying magnets that trigger the Hall-effect sensors, mounts directly to the left camshaft end, replacing the OEM centrifugal-advance mechanism.
- **Dedicated "start" sensors for accurate timing down to zero RPM**  
Dedicated "start" sensors, working from zero RPM to 480 RPM, make kick-starting a reliable pleasure; they also ease the burden on the electric starter, if so equipped.
- **User-adjustable synchronous rev limiter**  
The built-in rev limiter is adjustable between 9,250 RPM and 10,750 RPM in 250 RPM steps; one setting is reserved for an override, which permits unrestricted engine speed.
- **Progressive dwell control**  
The progressive dwell control feature adjusts the coil-current's "dwell angle" proportional to engine speed. This maximizes spark energy while minimizing the average coil current and subsequent self-heating of the coils, for long life and cool running.
- **Built-in static-timing LED**  
The timing LED lets you accurately set the full-advance timing before you ever fire up the engine.
- **Digital tachometer output**  
The tachometer output connects directly to an electronic tachometer, providing a solid 50% duty-cycle square wave swinging from zero to 12V.

- **Kill function**  
A dedicated “kill” wire disables the coil current if grounded, for easy compliance with competition regulations.
- **Auto-timeout**  
The auto-timeout function continuously checks to see if the engine is spinning; if the bike is not started (or stalls) for 32 seconds after power is switched on, the circuit cuts off the coil current (to protect your battery, your coils, and the control module from overheating damage). Once coil current is cut off, it is automatically reset as soon as the circuit senses crank rotation – you don’t have to reboot the system.

Like all Probe Engineering, Inc. products, the PR-360EL carries a one-year limited warranty.