IGNITION SYSTEMS

E-MAG ELECTRONIC IGNITION

Note: New installation requires a harness, and possibly a gear, depending on the application (See Accessories). Verify requirements before ordering.

Of all the E-MAG innovations, the self-powering capability of the “P” Model is the most significant. It solves the largest single issue faced by all electronic ignitions - their need for an uninterruptible power supply. Power back-up strategies that a) compromise ignition effectiveness, b) solve only half the problem, or c) require additional maintenance are less than ideal. Next-Generation ignitions need a better solution. So what does a next-generation electrical back-up need to do? Above all, it has to be reliable. When it’s needed, it has to work - period. It should operate for as long as needed. Whether it’s the last 10 minutes of a Sunday pleasure flight, or you’re crossing the Atlantic. It should be maintenance-free. Benign neglect should not prevent it from working. On the rare occasion it’s needed, it should automatically engage without operator intervention. A simple and convenient pre-flight check should confirm it’s working properly. This P model ignition has an internal three phase brushless alternator that produce enough power to sustain the ignition when the engine is turning 800 rpm, or more. If the aircraft bus voltage goes off-line, the ignition has an internal alternator. With this arrangement, dual electronic ignitions can be run “clean”. No back-up batteries and no back-up magnetos.

The P Model Built-In Alternator adds no (zero) mechanical contact/wear parts to the system. Adds only a few ounces of weight. Requires no additional hardware to install. Will operate as long as the engine is turning.

The EA-12000 replaces the impulse-coupled magneto found on most Lycoming engines. This unit provides the EA-7000 Controller with the engine position and RPM information needed to drive the electronic ignition system. Installation is very easy - much like a magneto.

The EA-10000 replaces the magneto found on most Continental engines. This unit provides the EA-7000 Controller with the engine position and RPM information needed to drive the electronic ignition system. Installation is very easy - much like a magneto.

The EA-13000 is approved ignition switch panel with STC to control both the Electroair electronic ignition system (EIS) and the magneto.

EIS-1 KIT
4-cylinder Electronic Ignition System comes with: Coil Pack, Controller, Mag Timing Housing, MAP Sensor, spark plug wires, instruction manual. Specify engine make and model

Part No. 08-05953
Price $1,804.00

EIS-2 MTK
6-cylinder Electronic Ignition System with MTH (Mag Time Housing) comes with: Coil Pack, Controller, Crankshaft Timing Wheel, MAP Sensor, spark plug wires, instruction manual. Specify engine make and model

Part No. 08-14584
Price $2,462.00

EIS-61000-5M
The EIS-61000 Electronic Ignition Kit is a fully STC’d kit for Lycoming 540 series, non-turbo’d, series engines, installed on single engine aircraft

Part No. 08-15630
Price $4,950.00

EIS-61000-5M
The EIS-61000 Electronic Ignition Kit is a fully STC’d kit for Lycoming 540 series, non-turbo’d, series engines, installed on single engine aircraft

Part No. 08-15631
Price $1,526.00

The EA-10000 replaces the magneto found on most Continental engines. This unit provides the EA-7000 Controller with the engine position and RPM information needed to drive the electronic ignition system. Installation is very easy - much like a magneto.

Part No. 08-16208
Price $1,526.00

The EA-10000 replaces the magneto found on most Continental engines. This unit provides the EA-7000 Controller with the engine position and RPM information needed to drive the electronic ignition system. Installation is very easy - much like a magneto.

Part No. 08-16213
Price $1,841.00

IGNITION SYSTEMS

IGNITION KITS
Auto style custom fit kits. Include low-resistance spiral wound lead wire, end fittings, and tool. Auto style harness with terminals and boots installed on both ends. Same wire used in their custom trim-to-fit kit.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>Auto Harness - 4 Lead Kit without adapter</td>
<td>07-02716</td>
<td>$87.00</td>
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<tr>
<td>Spark plug adapters - 4 pk.</td>
<td>08-06753</td>
<td>$98.00</td>
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IGNITION DRIVE GEARS

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<tr>
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<tr>
<td>Lycoming 66C19622</td>
<td>07-02011</td>
<td>$314.00</td>
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<tr>
<td>SuperLiteC19622</td>
<td>08-11837</td>
<td>$298.05</td>
</tr>
</tbody>
</table>

IGNITION SYSTEMS

ELECTRAIR IGNITION SWITCH PANELS - STC
The EA-13000 is approved ignition switch panel with STC to control both the Electroair electronic ignition system (EIS) and the magneto.

Horizontal........P/N 08-14693 ....$264.95
Vertical..........P/N 08-14694 ....$264.95

KITS ABOVE ARE 14V. FOR 24V KITS ADD -24 TO THE PART NUMBERS LISTED.