

CHAMPION IGNITION HARNESSSES



- Heat resistant polymer coating has been specially engineered for high temperature engine environments.
- 5 mm conductor contains 19 strand of stainless steel wire.
- Flexible, copper-tin, nickel plated braid reduces EMI. Performance-proven leads offered in straight or elbowed configurations.
- Plated-steel nut offers greater strength than aluminum nuts.
- Replaceable spring saves you time and money.

COMPLETE HARNESS ASSEMBLIES STRAIGHT SPARK PLUG CONNECTOR

CH11480	.
CH11730	.
CH11740	.
CH11780	.
CH11878	.
CH11884	.
CH11950	.
CH11978	.
CH12007	.
CH12015	.
CH12037	.
CH12120	.
CH12121	.
CH12130	.

CH12154	.
CH12157	.
CH12176	.
CH12216	.
CH12235	.
CH12360	.
CH12364	.
CH12365	.
CH12381	.
CH12423	.
CH12508	.
CH12778	.
CH12779	.
CH12932	.

COMPLETE HARNESS ASSEMBLIES ELBOW SPARK PLUG CONNECTOR

CH14001	.
CH14002	.
CH14004	.
CH11730E	.
CH11740E	.
CH11780E	.
CH12007E	.
CH12015E	.
CH12121E	.
CH12154E	.
CH12364E	.
CH12365E	.
CH12381E	.
CH14001E	.

IGNITION HARNESS ASSEMBLIES

CH12037E	.
CH12120	.
CH12120E	.
CH12130E	.
CH12157E	.
CH12176E	.
CH12235E	.
CH12360E	.
CH14002E	.

E-MAG ELECTRONIC IGNITION



Replacement Drive Gear

E-Mag is a next-generation electronic ignition, designed to serve as an upgrade or replacement for traditional aircraft engine magnetos. The idea behind a next-generation "anything" is that it 1) builds on what came before, and 2) gives more of what the customer wants. EICAD™ expanded controls - E-MAG interactive control and display is an optional set of ignition control capabilities built into our newest series ignitions. • Customize Tach Output Signal • Monitor/Change/Store your preferred timing shift • Ignition status reports (roughly 3 pounds and 6.25" long with plug wires attached). Sealed electronics are impervious to water, dirt, and oil. The P model draws power from the aircraft buss, but is backed up by a built-in three phase brushless alternator. Forget about batteries or keeping a magneto for back-up. Includes a lockout feature that guarantees the ignition will not fire before TDC during start-up. Were this to occur, an expensive starter motor can be damaged or destroyed. Designed to endure significant voltage dips. Should take about two to three hours to install. Will let you set timing for one or both ignitions in about 60 seconds - without the need for any special tools. Detects whether it's installed on a right or left rotating engine, and adjusts automatically. Reuse your existing keyed (or other) kill switch to control E-MAG operation.

Description	Part No.	Price
"E" Model (E-MAG) Ignition - Ignition compatible with 4 cylinder Lycoming engines - includes mounting gasket and control plug. MAP sensor built in.	07-01291	.
"P" Model (P-MAG) Ignition - Same as the E model above, but has a built-in backup alternator.	07-01292	.
E-MAG Aircraft Harness - Trim-to-fit harness kit. Aircraft Harness kits include with the coil end fittings, tool, and appear on forms as "Air Packs".	07-01293 (one ignition) 07-01294 (two ignition)	.
E-Mag P Model Ignition with Alternator 4C Continental - Ignition compatible with most 4 cylinder Lycoming and Continental O-200 engines. Specify Ignition type as follows: Lycoming (and like) engine P114-L4, Continental O-200 engines P114-C4	07-01311	.
E-Mag E Model Ignition 4C Continental - Same as P model above, but without built-in alternator. Specify Ignition type as follows: Lycoming (and like) engine E114-L4, Continental O-200 engines E114-C4	07-01310	.
Replacement E-MAG Lycoming Drive Gear	07-01295	.
Replacement E-MAG Continental drive gear adapter	07-01314	.



ELECTROAIR IGNITION SYSTEMS



Electroair Ignition Systems come complete with everything needed to install the EIS. Comprehensive installation procedure leaves little room for error when installing your system. For more information on these kits please visit: www.aircraftspruce.com

EIS-1 KIT	P/N	PRICE
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.	08-05953	.
EIS-2 KIT	P/N	PRICE
6-cylinder Electronic Ignition System comes with: Coil Pack, Controller, Crankshaft Timing Wheel, MAP Sensor, spark plug wires, instruction manual. Specify engine make and model.	08-05954	.

EIS-3 KIT	P/N	PRICE
Subaru EJ-22 4-cylinder Electronic Ignition System comes with: Coil Pack, Controller, Subaru Timing Wheel Kit (replaces COG pulley & factory pick-up), and instruction manual.	08-05955	.
EIS-4 KIT	P/N	PRICE
Rotorway RW 152 4-cylinder Electronic Ignition System comes with: Coil Pack, Controller, Trigger Wheel Kit (mounts on V-Belt Pulley), spark plug wires, and instruction manual.	08-05956	.