PLASMA II PLUS CDI

The Plasma II is Light Speed Engineering’s basic electronic ignition system for aircraft. It is a lightweight, high-energy capacitor discharge system containing all of the essential Plasma CDI features. Its smaller size and lighter weight sets it apart from any other ignition source.

PLASMA III CDI

The Plasma III Capacitor Discharge System is high performance ignition for all 4-cyl and 6-cyl aircraft engines. Its long duration spark and optimized timing curve makes more horsepower and improves fuel efficiency at all altitudes. Other benefits include quick starts, reduced maintenance, light weight, lower EGT’s and up to 20% more range. As with all LSE ignitions, RPM and manifold pressure inputs are used for our proprietary timing curves. The Plasma III is also capable of displaying the current timing advance, manifold pressure and rpm on an optional lightweight LCD display. The timing curve can easily replace one or both magnetos, making your engine run better under all conditions.

PLASMA CAPACITIVE DISCHARGE IGNITION SYSTEMS

All Plasma CDI systems include: high tension leads, harness, spark plugs, spark plug adapters, ignition coils with mounting bracket, and Hall Effect Sensor module or Direct Crank Sensor assembly.

Dual Plasma CDI Systems

- **Dual Plasma II Plus: 4 Cylinder Direct crank Sensor**
  - Part No.: 08-06256
  - Price: $2,487.00
- **Dual Plasma II Plus: 4 Cylinder Hall Effect Module**
  - Part No.: 08-06257
  - Price: $2,495.00
- **Dual Plasma II Plus: 4 Cylinder with Mini DC Sensor**
  - Part No.: 08-12138
  - Price: $2,495.00
- **Dual Plasma III: 4 Cylinder Direct Crank Sensor**
  - Part No.: 08-06256
  - Price: $2,495.00
- **Dual Plasma III: 4 Cylinder Hall Effect Module**
  - Part No.: 08-06257
  - Price: $2,495.00
- **Dual Plasma III: 4 Cylinder with Mini DC Sensor**
  - Part No.: 08-12138
  - Price: $2,495.00
- **Dual Plasma III: 6 Cylinder Direct Crank Sensor**
  - Part No.: 08-12139
  - Price: $2,495.00
- **Dual Plasma III: 6 Cylinder with Mini DC Sensor**
  - Part No.: 08-12140
  - Price: $2,495.00

Options

- **LSE Plasma Super-C Turbo**
  - Part No.: 08-06301
  - Price: $124.95
- **LSE Franklin and Continental engine ignition systems**
  - Part No.: 08-06302
  - Price: $194.99

LSE DUAL OUTPUT IGNITION COIL

Ignition coils are typically mounted on the top center of the engine. They can also be mounted on the motor mount tubes using Adel clamps or on the firewall to a piece of angle aluminum. Ignition coils should be mounted so that spark plug lead length will be kept to a minimum for maximum spark energy and minimum noise. It is important that each coil connects to opposing cylinders, i.e. one coil fires cylinders 1 and 2 and the other coil fires 3 and 4.

- **Ignition Coil**
  - Part No.: 08-06102
  - Price: $97.75
- **Mounting Bracket**
  - Part No.: 08-14013
  - Price: $14.75

LSE ALUMINUM BRONZE REACH SPARK PLUG ADAPTERS

Light Speed Engineering’s standard issue spark plugs are pictured to the left. Single ground electrode with a short body make these a durable option for most applications. W27EMR-C: Used on standard and high compression engines. The standard reach (1/2”) spark plug adapter is also pictured here.

AN4062-1 DEHYDRATOR PLUGS 18MM

These plugs are used to prevent rust and corrosion in engines while in storage. Contain silica gel which turns from blue to pink when moisture is absorbed. Reusable & refillable. The pink silica gel may be reactivated (after removing reservoir) by heating up to 250°F.

- **AN4062-1**
  - Price: $8.80 ea

SILICA GEL. Indicating type, for refilling plugs.

- **1/4 Lb. Bag**
  - Part No.: 07-00731
  - Price: $11.50
- **1 Lb. Can**
  - Part No.: 07-00400
  - Price: $44.50

**Note:** The spark plugs listed are not for aircraft application.