



About Plasma Projects



Plasma Projects is the exclusive European distributor for Okada Projects, who is based in Japan and the USA. Due to our relationship with the manufacturer, we can guarantee on time delivery and high quality products, adapted for the European market. Plasma Projects has tech support on their staff, with a strong engineering background, as well as a European-based warehouse. We promise a quick response time, quality service, and the opportunity to create custom-made products for your needs.





The Plasma Direct is an ignition coil with a built-in high-power amplifier. The Plasma Direct Coils produce 4 times more spark energy than stock coils, and generate an ultra-fast multi-spark-discharge of 10 sparks up to highest RPM.

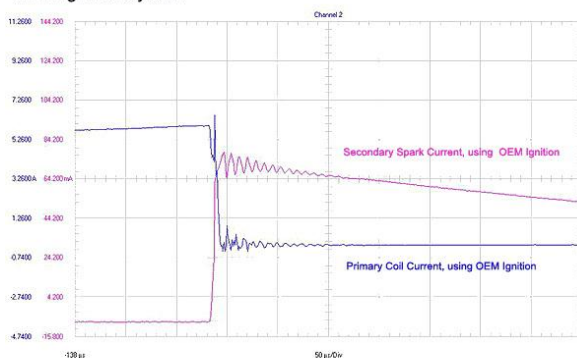


The spark amperage is increased by 100%, allowing the spark to reach many more molecules, which therefore accelerates the ignition and combustion processes. This is extremely important in forced induction applications, but also improves the performance of normally aspirated engines.

The Plasma Direct will increase horsepower and torque throughout the entire RPM range, as well as reducing fuel consumption. Even engines with legendary smoothness will be further refined with the Plasma Direct upgrade. Our Plasma Direct coils are OBD II compliant.

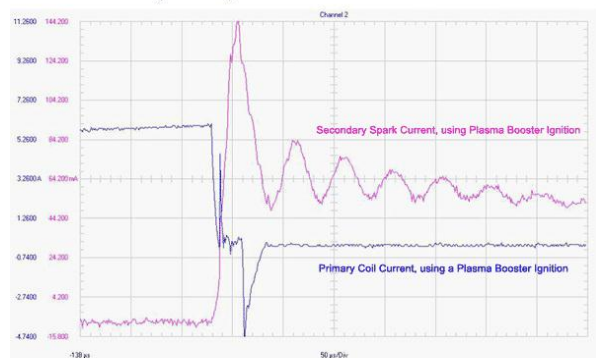
Installation is easy: Direct bolt-in to the engine, no splicing or cutting into stock wiring; simply replace the stock coils with our Plasma Direct Coils and you're ready to go!

OEM Ignition System



Primary Coil and Secondary Spark current on the same time scale on a typical OEM Ignition System

Plasma Direct Ignition System



Primary Coil and Secondary Spark current on the same time scale, using a Plasma Booster Ignition System

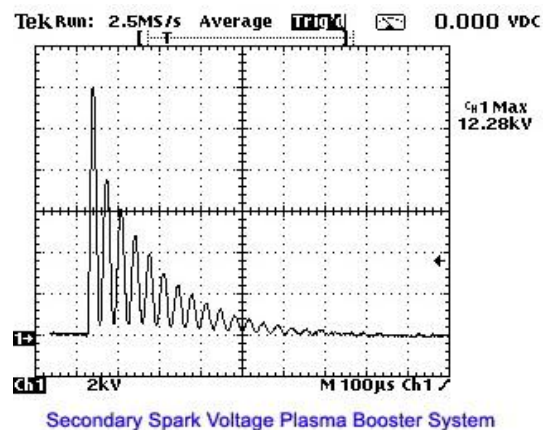
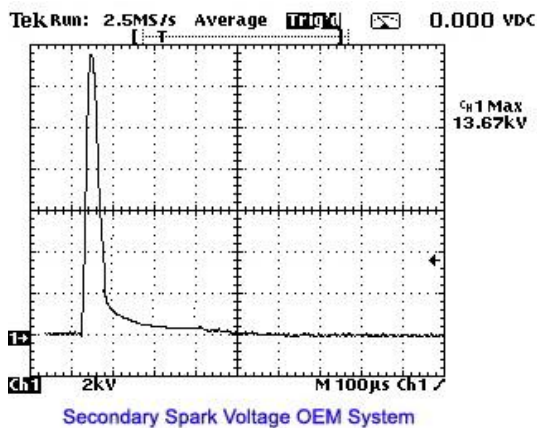
Highlights

- 100% secondary current (Spark Amperage) increase.
- 4 times spark energy increase for the initial spark discharge.
- Easy installation.
- Compatible with all OEM components.
- Compatible with OBD-II (On-Board-Diagnostics).



The Plasma Booster is a high power amplifier which drastically boosts ignition coil current. It is an amplifier, not a coil, but it has the same function as the Plasma Direct Coil: enhancing ignition coil current by **100%**. The Plasma Booster is mostly applicable to engines with an inductive ignition system.

The spark increase is dramatic with the Plasma Booster; you can expect a 100% increase in spark current (the amperage going to the spark). With such an increase in spark current, the ignition process is faster, leading to a faster burn, which results in more horsepower and torque. A faster combustion process also reduces the risk of knocking and therefore can prevent high speed detonation damage at racing engines.



Highlights

- Easy installation.
- 100% secondary current (spark amperage) increase.
- 4 times spark energy increase for the initial spark discharge.
- Compatible with all OEM components.
- Compatible with OBD-II (On-Board-Diagnostics).



The Plasma Lift is a voltage amplifier which has been uniquely designed with manual voltage adjustment in mind. This special feature ensures more freedom to air/fuel ratio and plug gap adjustment, therefore offering a solution to misfire problems.

The Plasma LIFT is a coil enhancement for coil-over-plug and other ignition systems; it is connected at the power supply side of the ignition coil and increases spark voltage, which is especially beneficial for turbo- and super-charged engines. When turbo pressure is increased, the engine requires a much higher spark voltage, to ionize the spark plug gap. If this extra voltage is not delivered, it can cause a misfire, which is especially dangerous on high performance racing engines. Installing the Plasma Lift can prevent this misfire.

The Plasma Lift works together with all other Okada Projects products. In addition to increasing secondary spark voltage, it is also responsible for increasing the spark current. This extremely important increase in secondary current creates a faster burn for high performance engines. In addition to increasing horsepower and torque, test vehicles have shown a moderate improvement in fuel mileage. The Plasma LIFT is engineered to increase spark effectiveness on modern cars and is 100% compatible with any late model OBD and engine control units.

Highlights

- Increases spark voltage.
- Can prevent misfires in turbo- and supercharged engines.
- Compatible with all other Okada Projects products.
- Improves fuel mileage.
- Compatible with all OEM component.
- Compatible with OBD-II. (On-Board-Diagnostics)

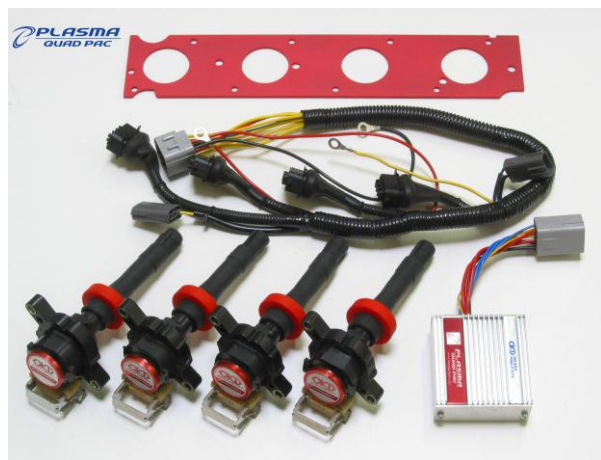




Plasma Quad Pac

Four pieces of Coil-Over-Plug ignition coils and an electronic control system replace the original OEM waste spark system for the Mitsubishi Evolution 6, 7, 8, and 9. Extensive testing has proven that the Plasma Quad Pac delivers extreme high voltage individually adapted to the need of each cylinder under high turbo pressure load conditions. The Plasma Quad Pac includes 4 coils, an electronic control unit and complete mounting and wiring harness parts. All wires are "plug and play"; no cutting is required; just install and enjoy the extra horsepower and increased torque with no misfire under high pressure load.

Compared to the original Mitsubishi waste spark system (with 2 coils), the secondary spark voltage ability is increased by 30%. Increased spark voltage ability allows higher boost pressure without misfire. Four individual Plasma Direct Coils will bring the spark energy directly to the spark plugs and the engine will perform well to the highest RPM. In addition, all four spark discharges are in the same polarity direction.



The Plasma Quad Pac is compatible with Mitsubishi Evolution models 6, 7, 8 and 9. The Plasma Quad Pac is fully compatible with all other Okada Projects products.

Highlights

- 4 individual coils with highly efficient electronic control box
- Same spark polarity on all spark plugs
- 30% increase of secondary spark voltage ability
- Complete set with plug and play connectors
- Compatible with all other Plasma Projects products.
- Compatible with all OEM components.
- Compatible with OBD-II. (On-Board-Diagnostics)



The Plasma Ground is connected to the ground side of the secondary end of the ignition coil. It increases performance and engine efficiency by creating an ultra-fast alternating current at the secondary spark discharge, called Coil Ground Tuning.

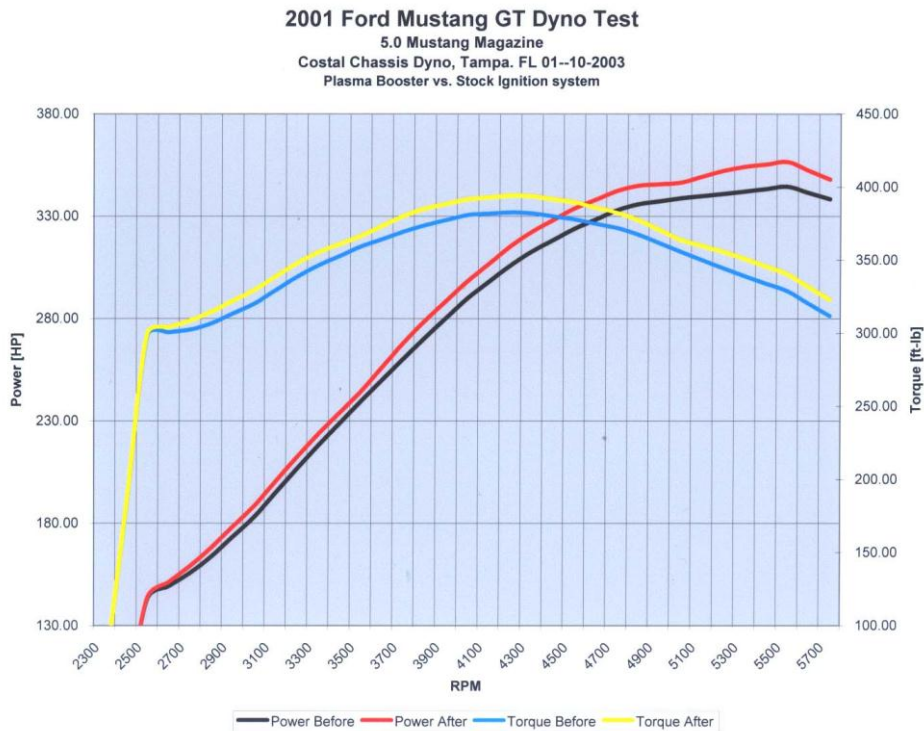
Plasma Ground works perfectly together with all other Okada Projects products and increases secondary spark discharge current.

Increase in secondary current is extremely important, since it creates a faster burn for high performance engines. The Plasma Ground is engineered to increase spark effectiveness on BMW engines, and is 100% compatible with any late model OBD and engine control units.



Highlights

- Creates and ultra-fast alternating current – coil ground tuning.
- Compatible with all other Okada Projects products.
- Compatible with all OEM component.
- Compatible with OBD-II. (On-Board-Diagnostics)



Dyno results for Ford Mustang engine with Plasma Booster



The Plasma Spark is the spark plug boot (socket) specially designed and developed to work as a secondary amplifier.

It creates strong sparks in a very short time (nano-seconds); creating a faster flame front and quicker light-off of the mixture kernel to complete combustion. After installing the Plasma Spark, you will feel immediate torque gain in the low RPM range, and more horsepower in the high RMP range.

Installation is also easy, direct bolt-in to the engine, no splicing or cutting into stock wiring. Simply replace the stock boots with our Plasma Spark Boots and ready to go!

Highlights

- Creates a strong spark in very short time.
- Creates ultra-fast spark discharge.
- Easy installation.
- Compatible with all OEM component.
- Compatible with OBD-II. (On-Board-Diagnostics)
- Compatible with Plasma Direct coils.



Contact Information



Kaartenmakershoeve 201
7326 XL Apeldoorn
The Netherlands

Telephone +31 (0) 55 8431876

info@plasmaprojects.com | www.plasmaprojects.com

Chamber of Commerce Nr. 51168855