

Max~Zone Competitive Analysis

There are many types of Aftermarket Automotive Performance Products (**AAPP**) in the Market and they can be classified as;

1. Non-hardware are fuel additives, chemical decarbonization, and others.
2. Mechanical hardware are air-turbo, H2 generator, magnets, and others.
3. Electronic hardware are battery desulfator, voltage stabilizer, power energizer, spark enhancer, ECU piggyback, smart devices, and others.

The above **AAPP** have been around for decades, and yet none of them has captured and sustained a sizable market share. **AAPP** with aggressive sales promotions apparently have secured good share of market for the first few years. Thereafter, due to various non-performance events, they just failed.....?

The following AAPP are selected for competitive analysis;

1. Battery DeSulfator (BD)
2. Voltage Stabilizer (VS),
3. Spark Optimizer (SO),
4. Magnetic FuelSaver (MFS).

Battery Desulfator (BD) will desulfate a weak battery to strong and prolong its life. Unfortunately most competitors are using older technology than Max~Zone. Max~Zone desulfates faster than battery sulfation rate to rejuvenate battery to SOC 80% throughout its extended life. Battery starts the car, provides power and electrical filter capacity and capability to operate and protect the operations of the Engine Control System (ECS). Unlike **BD**, Max~Zone is a **4in1** actions module .

Voltage Stabilizer (VS) is a capacitive device that works well when battery is strong. When the strong battery becomes weak, it will overwhelm the VS function and make it non-operative.

Spark Optimizer (SO) works well when battery is strong. 4 cylinder car will need 4 units, if less are installed imbalanced combustion will result and overall engine efficiency will suffer. 4 SO mean higher cost. Eventually when the battery is weak **SO** becomes less effective.

Magnetic FuelSaver (MFS) works well when installed “upline”, but unfortunately it is commonly installed “downline” which is 300 to 600mm away from injectors. This distance will degrade its function to become less effective. Also when battery becomes weak, **MFS** becomes more less effective.



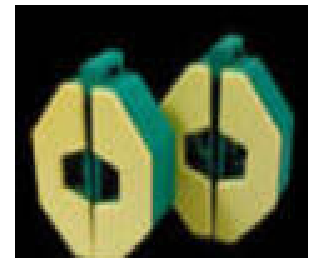
Battery Desulfator (BD) \$100



Voltage Stabilizer (VS) \$88



Spark Optimizer (SO)
S\$100 each



Magnetic Ionizer (MI)
S\$100 – 200 each

RAIZIN

VOLT STABILIZER

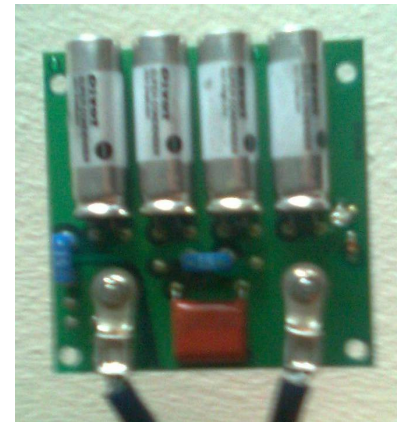
Number 1 Max~Zone Competitor



สีฟ้า - Voltage Stabilizer \$88



สีแดง - high performance with ground cables \$188



4, 5 or 6 condensers

RAIZIN is a capacitive product with 4 to 6 condensers depending on the model.

*It works well when the battery is STRONG, once battery is WEAK its effectiveness is overwhelmed by the weak battery... **what happens...?***

NEW battery after 3 to 6 month operations it becomes WEAK, if the estimated life of battery is 18 months, it remains WEAK for the next 12 months, RAIZIN is ineffective during this weak period until the battery dies. When battery is WEAK it will not protect the electrical transients and noises from compromising the digital computations of the Engine Control System (ECS) resulting in power loss, increase fuel economy with increase emission pollutants,

With Max~Zone, the WEAK is desulfated and rejuvenated after few hours of driving. The battery becomes STRONG to protect the ECS operations.

Max~Zone Wave~On~Wave Technology

4in1 Actions

❑ **Max~Zone Action #1 Desulfates**

Engine Control System (ECS) will need a stable and clean DC supply to perform to its specifications. A vehicle battery will sulfate (become weak) in early stage of its life, if expected life is 18 months, it may loss its power and electrical filter capabilities after 6 months of usage. The rest of its 12 month it will be in a sulfated (weak) stage, when this happens the sensor values to the ECU may fluctuate to cause errors in data processing, or the actuators are not turn on for the selected time durations. Max~Zone Action #1 continuously desulfates and rejuvenates the battery when the engine is running, its power and filter capabilities are restored to support ECS functions.

❖ **Max~Zone Actions #2 & #3 Multi-Sparks & Magnetizes**

With the battery rejuvenated, Max~Zone Actions #2 and #3 will enhance engine combustion and reduce carbonization, to produce near maximum power, better fuel economy and less emission pollution in well maintained engine.

Without Max~Zone the engine already has some degrees of inherent carbonization, Actions #1, #2 & #3 will further reduce carbonization. Carbonization causes power loss, higher fuel economy, higher emission pollutions, higher wear rate of intake valves, exhaust valves and pistons.

➤ **Max~Zone Action #4 DeCarbonizes**

With Max~Zone across the battery, the engine is being decarbonized while driving at 2000 rpm or higher. The carbon deposits in the engine are dissolved and exhausted during the engine exhaust cycles. Low carbonized chamber will be decarbonized within 1 hour, highly carbonized chamber may take more hours.

A decarbonized engine means cylinder/piston friction free, intake and exhaust valves closing and opening are perfectly, injector nozzle clean, spark plug clean, therefore engine runs quieter and smoother with better fuel economy, lesser pollution, faster acceleration with maximum torque and power. High engine noises are caused by carbonized components like intake valves, exhaust valves, pistons and cylinders.

No Known Competitive Product Desulfates, Magnetizes and Decarbonizes When Vehicle Is Driven At 2000 RPM Or Higher.

Primary Expectations

❑ **Torque & Power Increase**

- Wheel traction – increase, safer driving
- Acceleration – smoother
- Auto transmission – gear change smoother
- Higher Speed – lower rpm
- Engine noises – lower
- Emission pollutions – lower

❖ **Fuel Saving**

- ❑ City driving – up to 10%
- ❑ Highway driving – up to 30%

❖ Fuel saving depends on vehicle condition, road and weather conditions, driving habits and fuel quality.

Secondary Expectations

- Rejuvenates battery – extra life
- Air-condition – higher efficiency
- Audio system – louder & clearer
- Auto-window – smoother
- Lighting – brighter, safety
- Power steering – smoother
- Security alarm – louder
- Windscreen wiper – smoother
- Reduces repair cost – less wear & tear



MZ~GT-4 0.6L to 1.6L



MZ~GTS-4 1.8L to 3.0L



MZ~GTSX-4 3.0L to 6.0L

Why Wait? Install Max~Zone Now To Find Out!!

***For information and order
please contact
Sam Ho
samhothai@yahoo.com HP: (65) 96227844***



Exclusive Product of Equipment Engineering Pte Ltd

Website: <http://www.eesingapore.com>
Tel: (65) 68979909 Fax: (65) 68979798