



Congratulations on your purchase of your WeaponX Ignition Amplifier. We are sure you will enjoy your purchase for years to come.

FEATURES

- advanced electronic device for reduced interferences when used with any automotive related electronic device
- seamless integration with high output ignition coils and spark plugs
- enhanced voltage regulation and transient voltage control for added performance
- high quality automotive spec components, plastics, and resins
- up to 32volt input coil voltage resulting in improved ignition coil performance

Mission Systems WeaponX Ignition Amplifier is a no sacrifice approach in performance ignition amplification. Offering improved voltage, current, improved efficiency, and reduced ignition noise in a small footprint, our WeaponX Ignition Amplifier is a complete solution to any system requiring improved ignition performance.

Tested to improve fuel mileage, power output and system reliability the WeaponX Ignition Amplifier increases ignition voltage as engine demands are made ensuring the highest possible output and reliable spark to spark energy output for maximum ECU / engine performance.

INSTALLATION

PLEASE READ

This installation procedure will detail installation basics and tech tips on how to reliably improve your vehicles ignition system with your new amplifier. Following these steps will improve the operation of your WeaponX Amplifier.

Step 1

Locate your positive ignition wire. The WeaponX Ignition Amplifier allows you to insert the circuitry between your stock wiring harness and your ignition coils. Typically the amplifier can plug into where your ignition fuse is located as to intercept the voltage going to your ignition coils, and allow the amplifier to regulate the power to the ignition coils. Make sure to place the positive red wire to battery positive.

Step 2

The black wire must be grounded to a solid chasis or battery ground. If using chasis or engine ground point, please add a secondary ground wire from your negative battery post to the engine block, and chasis.

Step 3

The white wire must feed the positive ignition coil wires. Note that all ignition coils will be fed from a single source, typically located at the fuse panel "ignition fuse". The input to the fuse will connect the red wire, and the output to the ignition coils will connect to the white wire from the ignition amplifier.

Installation notes.

Lengthening of the ground wire is not recommended. Increasing ground wire length results in sub par filtering of high frequency interferences.

*Failure to follow these procedures will lower the overall effectiveness of the WeaponX Ignition Amplifier.

FAQ

Why are non-suppressor spark plugs suggested for use?

Our amplifier has no issues when using non suppression spark plug and can electronically eliminate interferences which allow for the use of a non-suppressor style spark plugs not typically used in an OEM, or aftermarket ignition amplifier applications. Non-suppressor spark plugs have many benefits that can be utilized with the use of our ignition coils including higher horsepower and better engine response. Our WeaponX Amplifier eliminates any weak link in the ignition while providing protection to the electrical devices in the vehicle.

What gap size should I use?

Mission Systems highly suggests to initially use a gap size that you know works. This is the first step in optimizing your ignition system. When things are operating properly it is suggested to open up gap in 0.002 increments until optimal gap size without blowout is reached then back off gap size by 0.004. It should also be noted that inoperable or poorly functioning charging systems greatly reduce the output and capability of the system and ignition coils.

***WARRANTY**

Mission Systems guarantees this product free from defects and workmanship and have a limited lifetime warranty if installed by a qualified professional. Products that fail will be replaced at Mission Systems option when product quality has been marked as the failing issue. This warranty does not include abuse, misuse, modification or improper installation of the product. Warranty is limited and shall not be liable in part or whole for any special, incidental or consequential damages or costs that may occur with this product. The foregoing is exclusive and in lieu of any other warranties either expressed or implied and is valid only to the original purchaser. During a return product must be accompanied by an RGA number and must be received within 30 days of RGA issue. Mission Ignition may at our discretion charge appropriate handling and shipping fees back to original purchaser if product is found to be in operating condition. Minimum \$9 handling fee on returned product to be charged for processing.