B.O.S.S.

BALLISTIC ORDNANCE SOUND SIMULATOR

GEN II

The B.O.S.S. Unit requires 3 things

1. Constant +/- power supply.
2. Trigger signal applied to white cable.
3. Propane, Green Gas or Mapp Gas.

The electrical setup for the B.O.S.S. unit requires careful attention to ensure proper functioning and safety.

Consider your skills and preferences when deciding the best approach for your needs. A B.O.S.S. cable will be provided with your unit.

There are several methods you can use to connect the B.O.S.S. cable to power your unit. Please remember, when dealing with electronics, it's important to ensure safety procedures are followed to prevent damage or potential risks. If you're not confident in doing it yourself, it's always best to seek professional assistance.

B.O.S.S. WIRING AND POWER!

750MM

BLACK= NEGATIVE

RED = POSITVE

WHITE = SIGNAL

B.O.S.S. POWER SPECIFICATIONS:

Voltage: 7.4-15VDC

Current: 2.5A Per Shot (30ms)

20mA in standby

Li-ion or Li-Po airsoft battery will be able to power the B.O.S.S. unit.

RDX TECHNOLOGIES

OPTION1:

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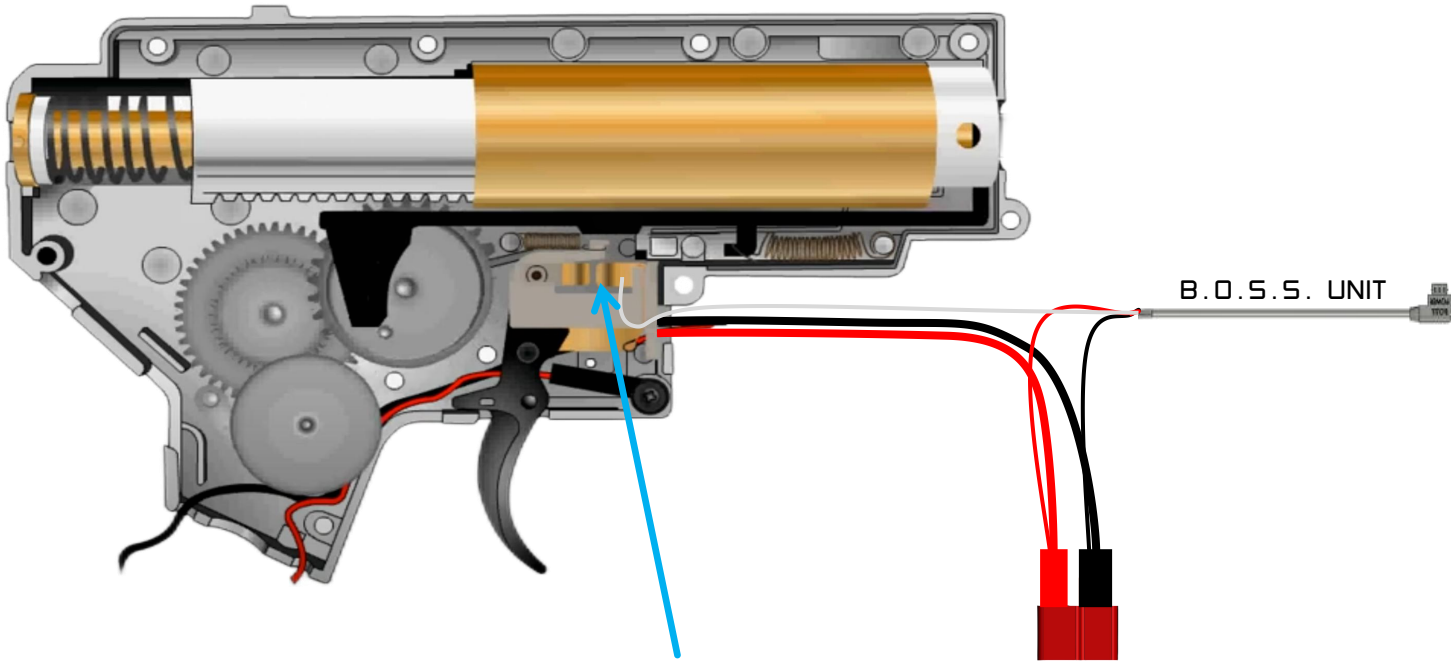
The AEG gearbox is powered by a battery. The negative terminal is directly connected to the motor, while the positive terminal is initially connected to one side of the trigger. When the trigger is pulled, it closes the contacts, allowing power to flow through to the motor..

The B.O.S.S. negative wire connects directly to the battery's negative terminal. The B.O.S.S. positive wire connects either to the trigger, where it receives constant battery power, or directly to the battery's positive terminal. The B.O.S.S. signal wire is connected to the output of the trigger. When the trigger is pulled, it allows positive voltage to flow from one side to the other, which also sends a voltage signal to the B.O.S.S. unit to fire.

***Ensure the trigger signal only provides a positive voltage when engaged.

STANDARD AEG GEARBOX FRONT WIRING



***Place white signal cable to the contact side that is **not** connected to constant positive.

RDX TECHNOLOGIES

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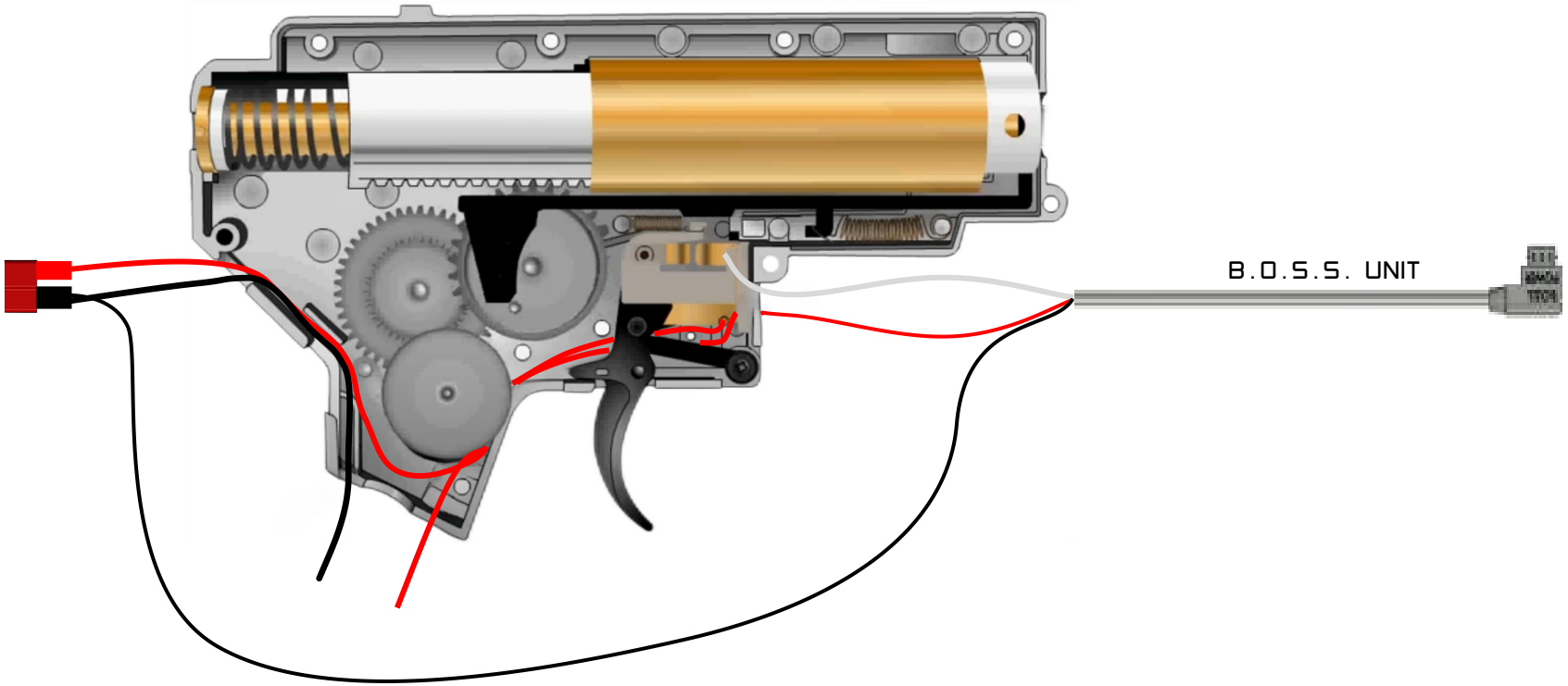
GEN II

OPTION2:

The B.O.S.S. negative (black) wire connects directly to the battery's negative terminal, which can be routed through the gearbox or around it, depending on the available space..

STANDARD AEG GEARBOX REAR WIRING



RDX TECHNOLOGIES

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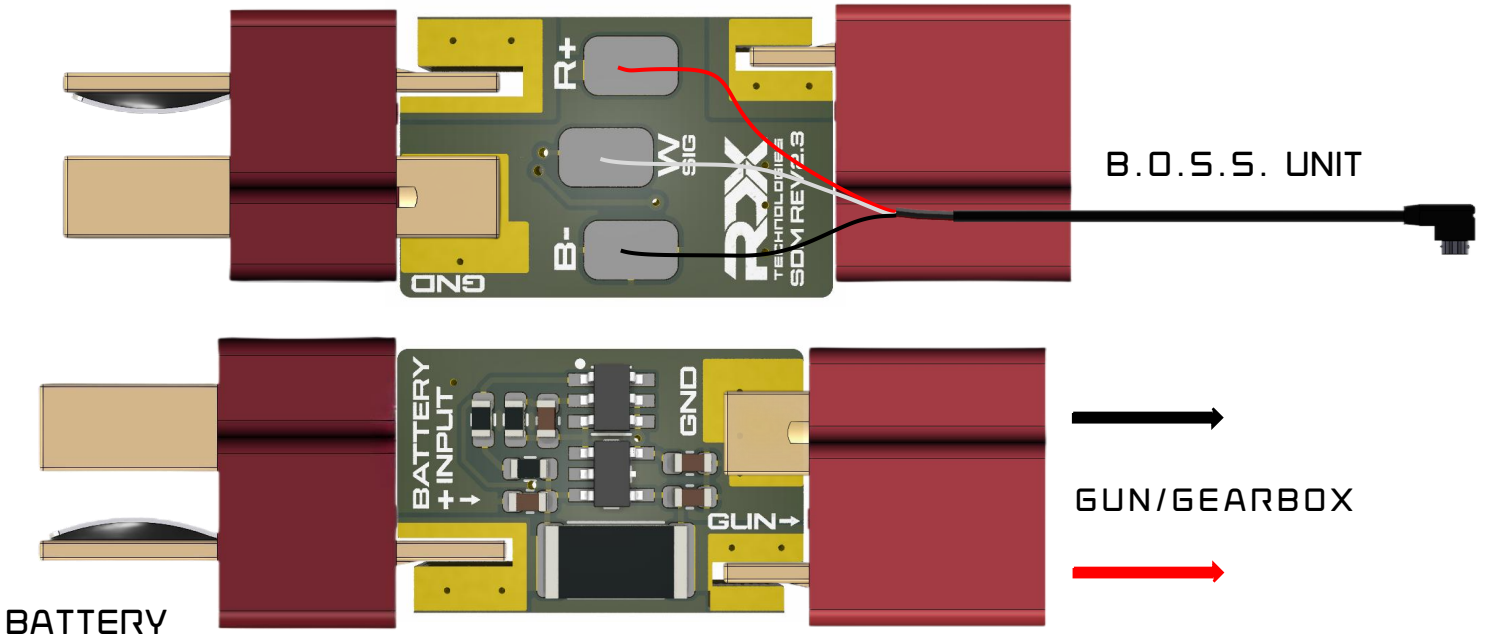
OPTION3:

A RDX Shot detection module can be added in series to the battery. It allows a simple connection that will provide power and the means to detect a signal without having to access the trigger assembly within the gearbox. Soldering is required, allowing the B.O.S.S. cable to pass through the internals of the gun, so professional assistance may be necessary.

***The SDM (SHOT DETECTION MODULE) can only be used on AEG's where the current demand during firing is greater than 5A. This means the SDM cannot be used on HPA systems due to their low current consumption when firing.

RDX SHOT DETECTION MODULE



SHOT DETECTION BOARD

RDX TECHNOLOGIES

OPTION3:

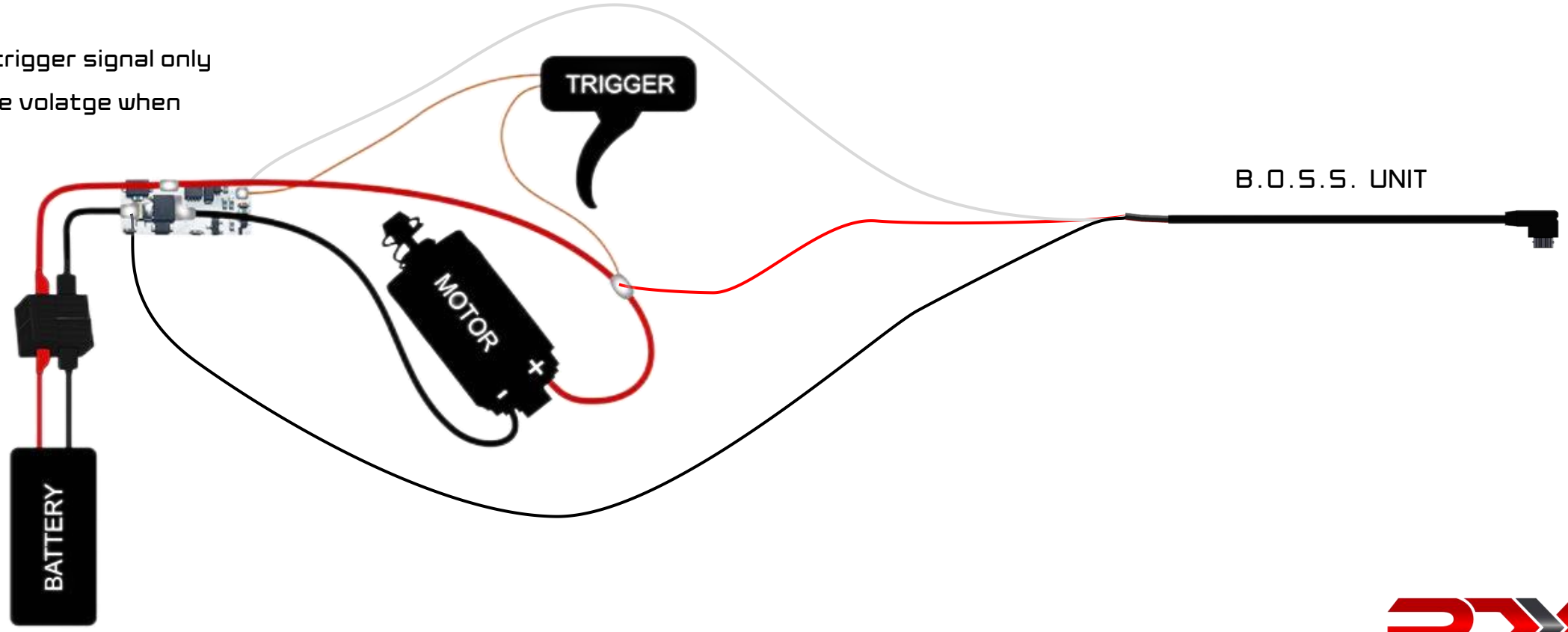
B.O.S.S.
BALLISTIC ORDNANCE SOUND SIMULATOR
GEN II

3RD Part MOSFET TRIGGER

3RD Party MOSFET TRIGGERS.

A lot of AEG airsoft guns now have internal MOSFETS. The B.O.S.S. unit can also use the trigger signal coming off the trigger to activate the B.O.S.S. unit.

***Make sure the trigger signal only provides a positive volatge when engaged.



RDX TECHNOLOGIES

B.O.S.S.
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Please note that the B.O.S.S. unit can be removed from the gun at any time, and the plug can remain attached. If you are not utilizing the B.O.S.S. unit for any reason, simply unplug it and ensure the plug is safely tucked away.

For additional wiring help, please visit our website at

RDX Wiring Guide

or

RDX Support Page

RDX TECHNOLOGIES