

# IGNI-GEN12V



...connecting to the aftermarket

## Universal ignition generator for CAN-Bus vehicles

### Step 1

Make the following connections:

Black - Ground

Yellow - Permanent 12V

Red - Ignition Output to external device

### Step 2

Start the engine of the vehicle

### Step 3

Disconnect the programming bullets. Wait for at least 5 seconds and then re-connect. This starts the learning process and the ignition output will turn on during this time.

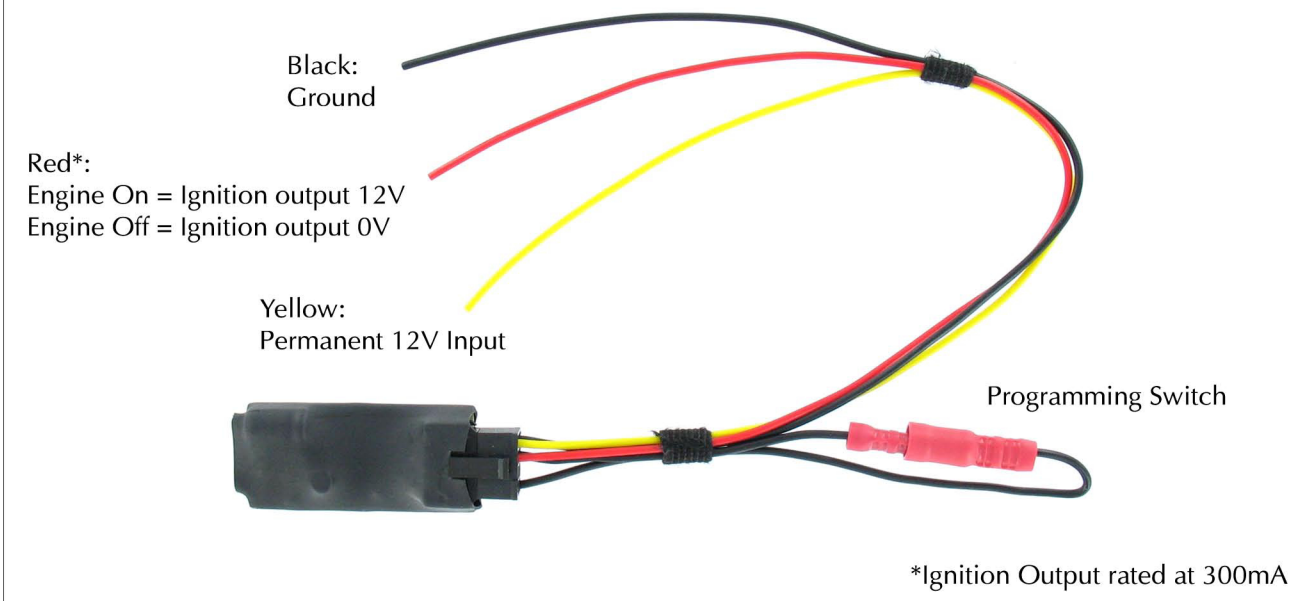
### Step 4

After 1 minute from initiating the learning process (step 3) turn off the engine

### Step 5

Wait until the ignition output turns off (around 40 seconds)

Universal ignition generator for fitting aftermarket stereos & handsfree phone kits.



- Learning is now complete - to repeat the procedure go to step 2.

IGNI-GEN will switch on the ignition output if it detects that the engine has been running for a few seconds. It will switch off again a few seconds after the engine stops. The exact timing will vary dependant on the vehicle's electrical system. The learning process only needs to be carried out once at the time of installation as the unit stores a permanent record of the information it acquires. The information is still retained even if the unit is disconnected from the battery. The unit will only need to be re-programmed if changes are made to the electrical system of the vehicle, such as changing the alternator or the battery.

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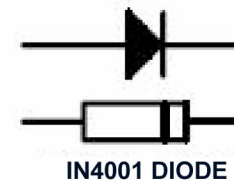
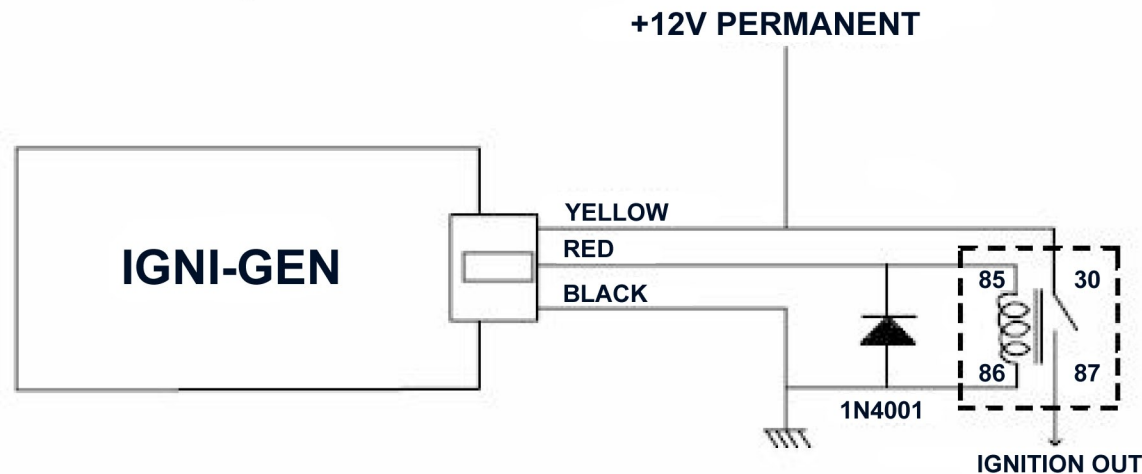
## Using IGNI-GEN to switch high currents.

Select an appropriate relay for the current you wish to switch, ensure that the coil is designed for 12V operation. Use a relay with a mounting tab such as the Tyco V23134B1052C642 which is easily secured behind the dash. Connect IGNI-GEN to the relay as shown.

The diode must be fitted to prevent damage to the IGNI-GEN.

Ensure that the wiring to connections 30 & 87 is of the correct gauge and that an appropriate fuse is fitted between 30 and 12V PERM.

The learning process remains unchanged.



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