CAN-04

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.
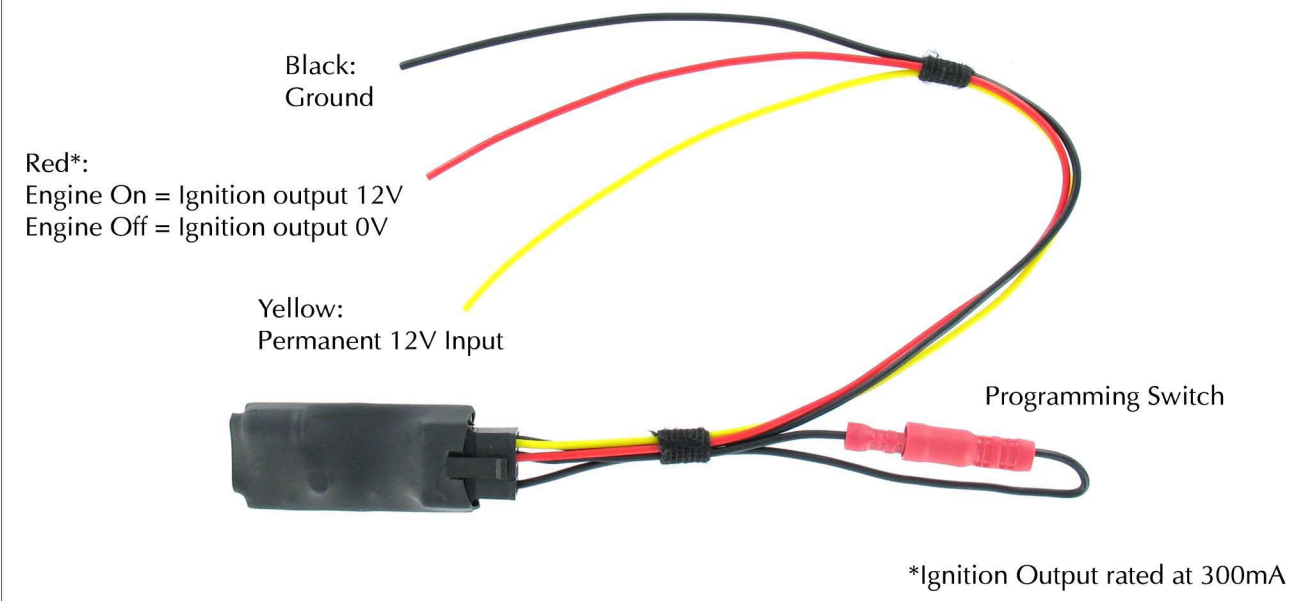
Step 4
After 1 minute from initiating the learning process (step 3) turn off the engine

Step 5
Wait until the ignition output turns off (around 40 seconds)   -   Learning is now complete - to repeat the procedure go to step 2.

Universal ignition generator for fitting daylight running lights

Black:
Ground

Red*:
Engine On = Ignition output 12V
Engine Off = Ignition output 0V

Yellow:
Permanent 12V Input

Programming Switch

*Ignition Output rated at 300mA

CAN-04 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.

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 CAN-04 to the relay as shown.
The diode must be fitted to prevent damage to the CAN-04.
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.

+12V PERMANENT

CAN-04

YELLOW
RED
BLACK

85   30

86   87

1N4001

IGNITION OUT

IN4001 DIODE