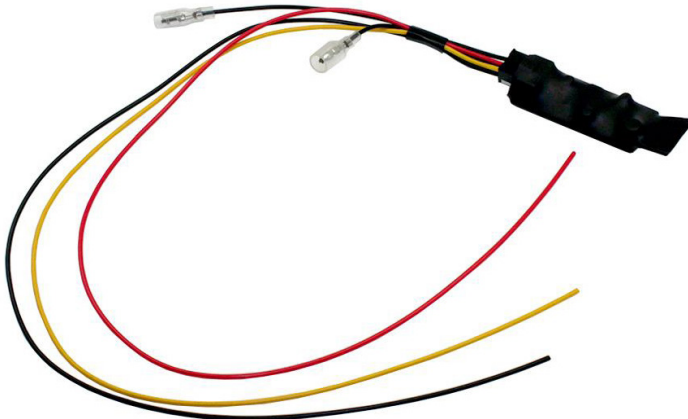




Designed and  
Engineered  
in the UK. 

## GEN6V

# Universal Ignition Generator for CAN-Bus Vehicles



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**CAN-Connect is the leading CAN-Bus integration solutions for the automotive industry.**



CAN-Connect ist die führende CAN-Bus-Integrationslösung für die Automobilindustrie.



CAN-Connect son las soluciones de integración CAN-Bus líderes en la industria del automóvil.



CAN-Connect est le leader des solutions d'intégration Can-bus de l'industrie automobile.



CAN-Connect è la principale soluzione di integrazione CAN-BUS nel settore automobilistico.

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### Technical Support?

for technical support please use our  
dedicated system [support.connects2.com](http://support.connects2.com)

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### DISCLAIMER

The information provided in this document is subject to change without notice due to manufacturer changes and/or improvements to the product/s. This instruction manual is based on documented data and research. The manufacturer of this product cannot be held responsible for any changes made to the vehicle by the manufacturer or damages that may occur through the installation of this product in accordance with the steps outlined herein.

# Features

- Universal - compatible with any vehicle
- Generates 6V Ignition feed
- Includes simple programming connections for quick learning process
- Supports 6V Ignition, 12V Permanent & Ground
- Perfect for the installation of aftermarket head units & handsfree phone kits

# Wire Colours

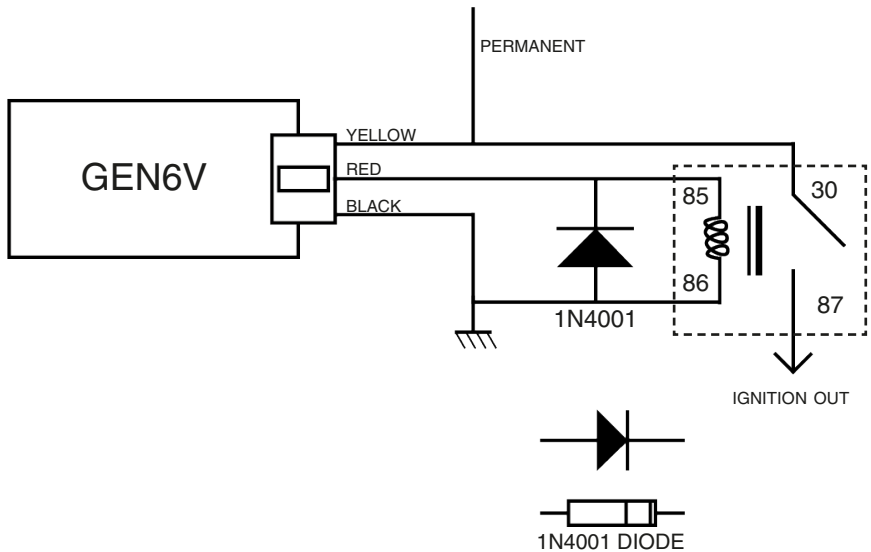
Ignition	Red / Rot / Rojo / Rouge / Rosso
Permanent	Yellow / Gelb / Amarillo / Jaune / Giallo
Ground	Black / Schwarz / Negro / Noir / Nero

# Product Details

The GEN6V is a universal ignition generator, perfect for fitting aftermarket head units and handsfree phone kits.

By following the next few steps, you can be sure that the device connected will start up automatically with the vehicles ignition.

# Switch to High Currents



Select an appropriate relay for the current you wish to switch. **Ensure that the coil is designed for 12V operation.**

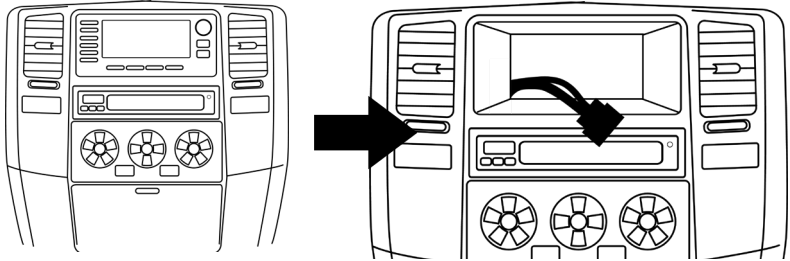
Use a relay with a mounting tab such as the **Tyco V23134B1052C642** which is easily secured behind the dash. Connect GEN6V to the relay as shown. The diode must be fitted to prevent damage to the GEN6V. Ensure that the wiring to connections 30 & 87 is of the correct gauge and that an appropriate fuse is fitted between 30 & 12V PERMANENT. The learning process remains unchanged.

# Installation

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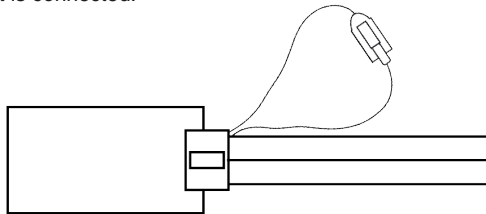
## Step 1.

Remove OEM head unit following manufacturers instruction.



## Step 2.

Connect the Ground, Permanent & Ignition wires to the aftermarket components wiring. Make sure that the programming wire bullet is connected.



- Proceed to turn on the engine
- Quickly disconnect the programming wires. Wait 5 seconds and then re-connect the programming wires.  
This will start the learning process and ignition output will turn on during this time.
- After 1 minute after initiating the learning process, turn off the engine.
- Upon turning the engine off, the Ignition Output should take 40 seconds to turn off.

This completes the learning process.

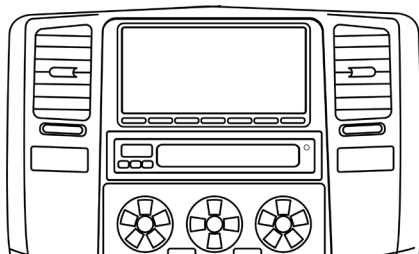
\*\*The GEN6V will switch on the Ignition Output if it detects that the engine has been running for a few seconds. It will switch off again a few seconds after the engine stops. The exact timing will vary dependant on the vehicle's electrical system.

The learning process only needs to be carried out once upon installation as the unit stores a permanent record of the information it acquires. This information is still retained even if the unit is disconnected from the battery.

The unit will need to be re-programmed if changes are made to the vehicles electrical system, such as changing the alternator or the battery.\*\*

## Step 3.

When connected appropriately and tested, re-assemble dashboard with aftermarket head unit.



# Notes

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