

CAE Performance Product

A.C.N: 007 268 975 A.B.N: 68 640 428 385

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DYNOGEN

the

INVISIBLE ALTERNATOR

Fitting Instructions for DYNOGEN 12Volt 60Amp

Description: This DYNOGEN 12Volt 60Amp Alternator suits as a replacement for the Lucas C39 and C40 Generators.

Wiring circuit.

Original Lucas Generator had only two wires going to the Voltage Regulator.

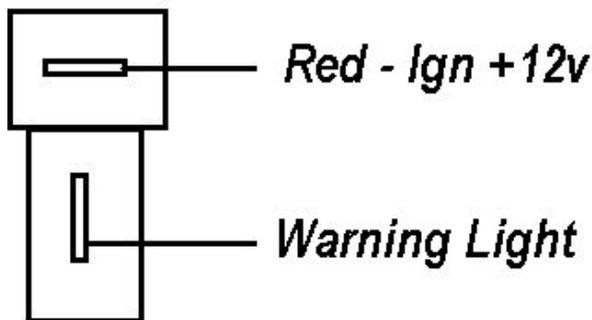
These were a thick wire known as the "D" wire and a small thinner wire known as the "F" wire. The original regulator is now not required but can be used to accommodate the wiring changes.

The Dynogen - Alternator requires two new wires to be added to the circuit that picks up Ignition +ve feed that gives the alternator 12 volt sensing for its internal regulator, this is the red wire supplied. The second wire is the warning light wire and is coloured White.

The easiest way to wire the Dynogen - Alternator is to connect the thick "D" wire on to its original position on the Generator end frame spade terminal, but change the other end where it is connected to "D" on the Regulator to now be connected to "A" or "A1" on the regulator. This now makes this a live current wire direct to the Alternator.

Now connect the Warning Light wire white/black

Now connect the Ignition feed wire – Red to a suitable 12volt Ignition supply.



pin1= red ignition pin2= white/black warning light

NOTE: If your vehicle does not have a Warning Light then a 68 ohm ceramic resistor is to be installed in series with the warning light wire and then connected to the same Ignition +ve feed wire, either spliced into the red wire, or connected at the same point as the "Red wire" connection. Alternatively is to fit a small 2.5 watt warning light to your vehicle in series with the White/Black wire.

NOTE: CAE Performance Products recommends this product be fitted by a qualified technician.

NOTE: DYNOGEN is not suited for Positive (+) Earth systems as found on some English Vehicles. You will need to reverse the polarity to Negative (-) Earth.

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Warranty

Warranty Conditions

- *All claims must be made within the warranty period.*
- *Any faulty workmanship will be replaced free of charge.*
- *Warranty does not apply to items that have been subject to neglect, misuse, abuse, accidental or intentional damage, unauthorized repairs, modifications, incorrect application or installation.*
- *Warranty does not cover the cost of freight, installation or removal of this product.*
- *Warranty of 12 months only applies to this product being used for normal road use only.*
- *Warranty does not cover this product if used for any racing or off road racing applications.*
- *C.A.E. Performance Products recommend that this product be fitted by qualified Technicians.*