Lucas ACR Alternator

Fitting Instructions





Warning! Please read all instructions before fitting this Alternator

LUCAS

Authentic Classic Range

IMPORTANT NOTICE

Always disconnect the battery before undertaking electrical work!

Please read!

Many auto electrical faults are misdiagnosed, sometimes leading to the unnecessary change of the alternator. Faults that do not originate from the alternator, or cause the alternator to fail, will result in the subsequent failure of **any** replacement alternator.

Therefore, please closely examine your old alternator for any of the following:

- **Burnt terminal connections (due to loose / incorrect connection) at connection point in rear of the unit**
- **Burnt or over-heated (solid) pulley. Red or blue burn marks around the pulley will indicate this, usually caused by a worn fan belt or incorrect tensioning.**
- **Excessive oil or water ingress due to leaks emitting from the vehicle onto the unit.**

If your old alternator exhibits any of the above symptoms, fitting any replacement alternator will not solve the problem!

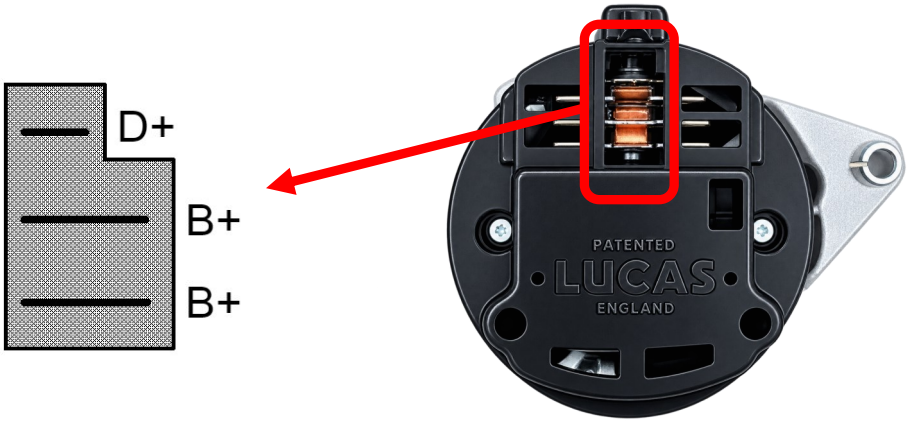
Our Lucas alternator will fail on the vehicle for the same reasons, and unfortunately the unit will not be covered under warranty.

Before fitting a replacement Lucas alternator, please carry out the following:

- **Check all connections and cables.**
- **Check main battery cable is rated to that of the alternator output.**
- **Ensure the fan and pulley can run freely—DO NOT CHECK WHILE THE ENGINE IS RUNNING!**
- **Ensure the fan belt is tensioned correctly.**
- **Ensure that the battery is fully charged before reconnecting.**

The Lucas alternator you have purchased is supplied with a new connector plug (**RAC916**)for rear connection into the unit. If replacing this plug on the vehicle loom you will need to connect the cables as shown in the diagram below.

Smaller top spade terminal, D+, is for the warning light connection, the larger bottom two spade terminals , B+ connections, are the battery positive feeds.



Loom cable colours can vary dependant on vehicle application. Please consult specific vehicle loom diagrams for clarification of supply and warning lamp wiring colours prior to making any connections.

For safety reasons, please make sure that any connection modifications made to the vehicle loom are carried out by a qualified vehicle auto electrician!

YOUR GUARANTEE:

We are so confident in our units that each one comes with a **3 YEAR WARRANTY**

In the unlikely event that this unit should fail, please return it to us for inspection and if it is covered under warranty, rest assured we will repair it or replace it Free Of Charge. Please see our Warranty Policy on our website.

Classics live forever

Lucas products arise out of technical excellence and a spirit of innovation that has guaranteed us on-going international success.

Our reputation is based on a wide product range with exceptional durability and resistance.



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