LUCAS SINGLE PHASE 120 WATT RECTIFIER/REGULATOR
Lucas Reference: SPR120W

Designed for use with the Lucas single phase stator 47205

**Module is rated maximum 200w (not suitable for use with high output single phase stators)**

Can also be used to convert early Lucas 6 volt three lead stators to 12 volts (see overleaf)
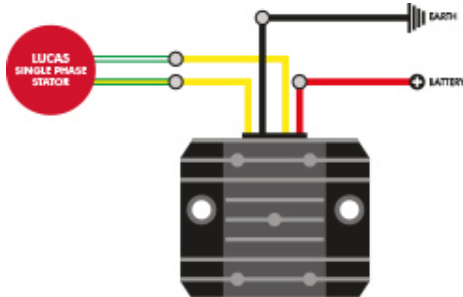
FITTING INSTRUCTIONS
2 wire stator

1 Disconnect your battery

2 Mount the unit in an area with good airflow for cooling. The finned aluminium body acts as a heat sink to dissipate any excess heat. The heat sink body does not require grounding

3 Check the polarity of your machine (positive or negative ground)

4 Locate and remove the original Zenor diode and rectifier

5 There should be three wires connected to the original rectifier:
(Green/White, Green/Yellow and either Brown/Blue or Brown/White depending on the model)

  • Connect the Green/White wire to one of the modules Yellow wires

  • Connect the Green/Yellow wire to the modules other Yellow wire

  • The hot wire to the battery is usually the Brown/Blue or Brown/White

6 If your system is POSITIVE EARTH connect the module Red wire to Earth and the Black wire to the battery NEGATIVE terminal (see diagram below)

7 If your system is NEGATIVE EARTH connect the module Black wire to Earth and the Red wire to the battery POSITIVE terminal (see diagram below)

8 PLEASE CHECK the battery polarity is correct otherwise you will damage the regulator

9 ONCE YOU HAVE VERIFIED ALL CONNECTIONS ARE CORRECT RECONNECT THE BATTERY

POSITIVE EARTH WIRING
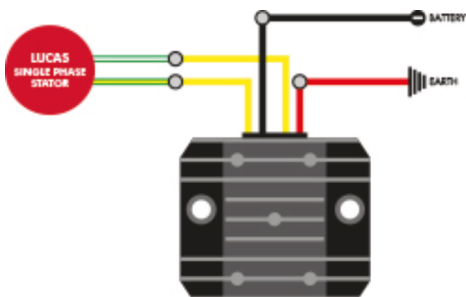
NEGATIVE EARTH WIRING

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FITTING INSTRUCTIONS
Early 3 wire stators

If you have an early model fitted with a single phase three wire 6 volt stator (47204 etc. 6 pole stator)
it can be converted to 12 volts by following these wiring instructions.

Not suitable for use with 9 pole 3 phase stators

1   Connect the stators Green/Black and Green/Yellow wires together and connect to Yellow on the module

2   Connect the stators Green/White to the other Yellow on the module