

## WOSP Permanent Magnet Alternator Wiring



The single phase alternator has 2 x blue wires (stator).

The regulator has 6 x connections:

2 x blue wires - these connect to the 2 x blue wires (stator) from the alternator.

1 x black wire - B- (-ve) ground.

1 x red wire - B+ (+ve) charge wire.

1 x yellow wire - Ignition (switched 12V ignition) to excite.

1 x green wire - lamp (operates differently to a normal alternator) ground on vehicle side of lamp / bulb. When ignition is excited the regulator puts a 12v live feed out to the bulb which illuminates as it goes to ground on the vehicle side. When the alternator excites the 12v live is removed within the regulator therefore extinguishing the bulb.

