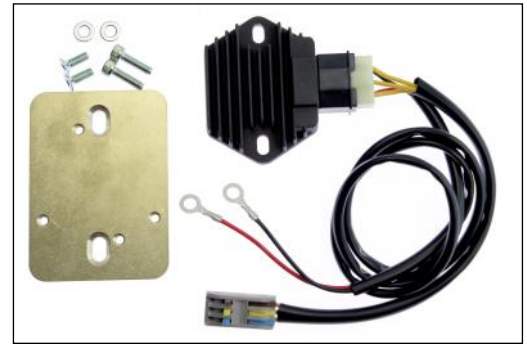


# RR58-H Universal direct connection Regulator Rectifier for 3 phase permanent magnet alternators



## Specification

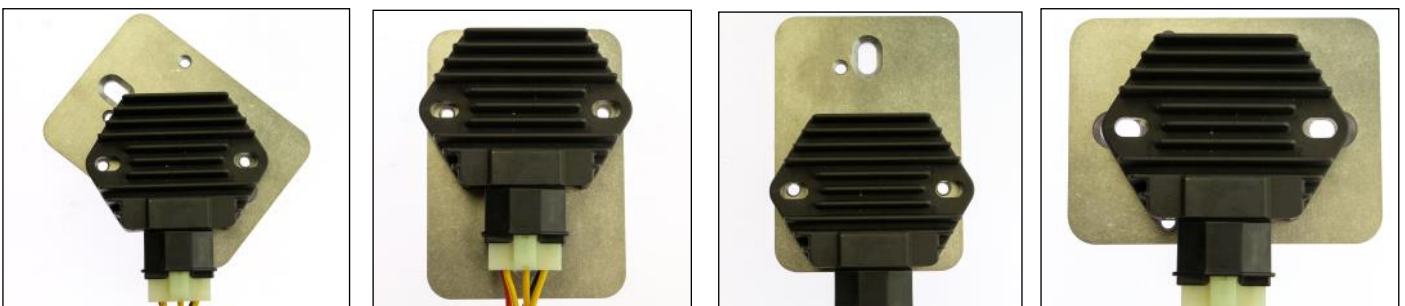
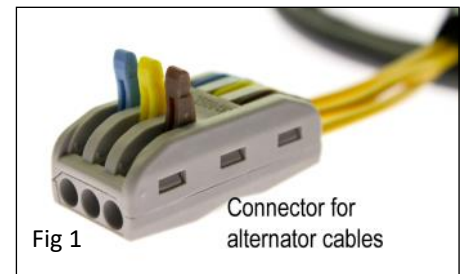
- 3 phase regulator/rectifier for permanent magnet alternators. Very robust and reliable design.
- Direct connection to a 12v battery.
- Direct connection to the alternator output cables without using crimp on terminals.
- Common faults with corroded or damaged terminals i.e. the original wiring harness, are eliminated.
- Hi-power capability up to 350watt or approx. 30 amp current rating.
- Supplied with adaptor plate to fit on larger mounting hole spacings, regulator rectifier can be positioned in several different places on the plate (see below) . Plate also acts as a heat sink for high load applications.



## Fitting Instructions **[important read before fitting]**

Fitment must only be carried out by trained technicians or competent persons.

1. Remove the old regulator rectifier.
2. Remove the connector from the existing alternator leaving the three yellow wires. Strip off 10mm from all three yellow wires, inspect the bare copper, it must be bright and clean, if not cut the cables further back and re-strip. It may also be possible to clean the bare copper ends with fine emery paper.
3. Flip up the connector lock tabs, see **Fig 1**. Twist the copper strands and push each cable into a hole on the new connector or as far as they will go. You do not want to have any bare wire showing. It does not matter which yellow cable goes into which connector hole. Push back down the connector lock tabs.
4. Connect the Red cable to the positive on the battery and the Black to the negative on the battery.
5. It's not essential to use the supplied mounting plate. This allows for fitment on wider mounting holes, the RR58H can then be located as required, see below. Also acts as additional heat sink.



## Cable colours

- The 3 phase cables from the alternator/stator can all be yellow, black or white depending on manufacturer.
- + Positive to battery is usually red.

