

H45cc Electrical Stage

100 AMP Balmar Alternator Installation (optional)

Balmar regulator comes with wiring harness.

1. Connect harness field wire blue & white with male connector to alternator internal regulator harness same color code female connector. (fig 1)
2. Connect red wire Balmar harness to (comes with fuse) to alternator positive output, and secure the thread stud.(fig2)
3. Connect 2 black wires that are from Balmar harness to alternator ground post, secure the thread stud. (fig 3)

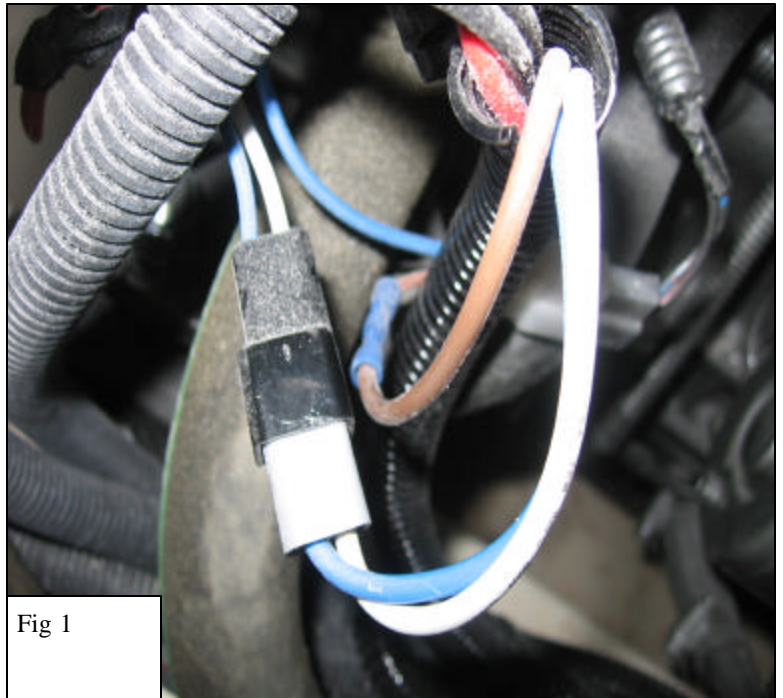


Fig 1

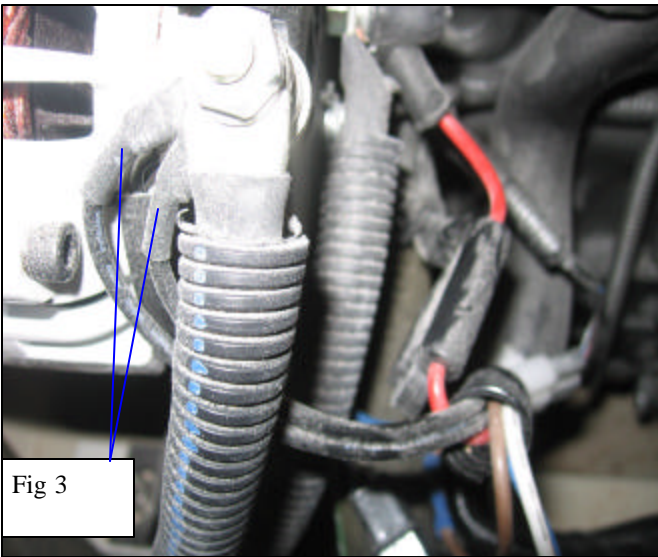


Fig 3

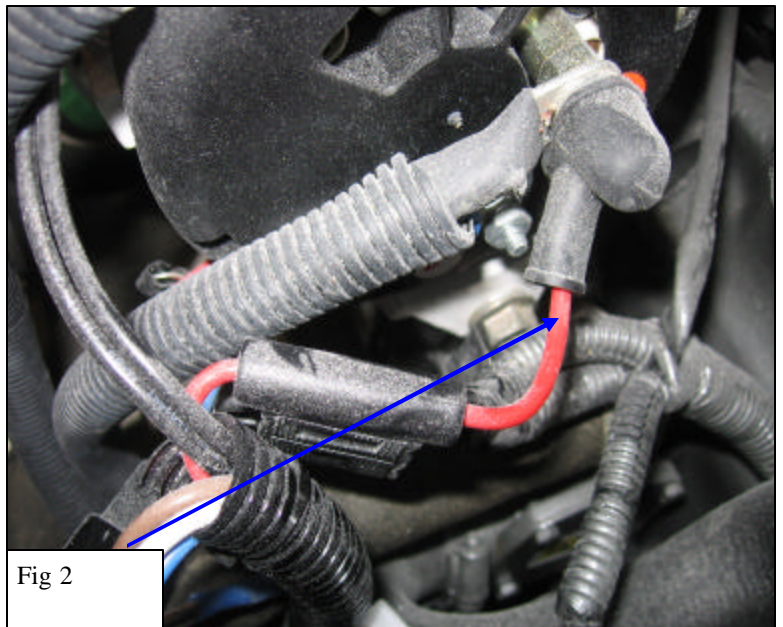


Fig 2



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100 AMP Balmar Alternator Installation (optional)

1. Alternator internal regulator harness comes with alternator. Blue wire of this harness comes with one end to T connector and the other end with ring connector.
2. Connect the ring connector end of this blue wire to alternator (D⁺) terminal, secure the ring connector to this terminal. (fig 4)
3. Cut this T connector's brown wire, tape and secure left over brown wire and red wire of alternator harness, use butt splice connector to bridge brown wire at T connector and brown wire that is from external regulator.(fig 5)
4. Attach T connector to original Yanmar harness. (fig 6)
5. Connect regulator harness to Balmar Regulator, mount the regulator on port aft corner of engine box cabinet. (fig 7)

