

NON- GAUGE CONTROLLER

---- 12V MOTOR CONTROL UNIT ----

INSTALLATION & SETUP INSTRUCTION

- Mount the motor control unit in a location that the power switch can be seen or accessed.
- Connect wiring using description from below:

A) -Connect 2 pin Metri-Pack connector with the RED and BLACK leads to the **battery**:

NOTE: When extending wires use 12GA wire or recommended power cables from your dealer.

NOTE: Do not power the unit from a battery charger.

NOTE: Do not hook to power strips or convenience plugs.

-Wiring Color Code to **Battery**:

12 gage Red = 12V

12 gage Black = Ground

****Ground must be hooked up to BATTERY, not to the frame****

B) -Connect 2 pin Metri-Pack connector with the WHITE and GREEN leads to the **12V motor**:

NOTE: When extending wires use 12GA wire or recommended power cables from your dealer.

-Wiring Color Code to **Motor**:

12 gage White = 12V

12 gage Green = Ground

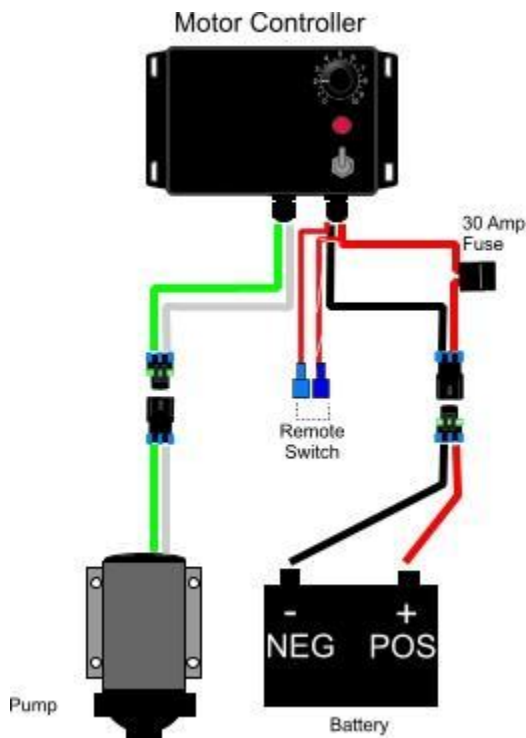
****Ground wire on the pump must be hooked up to the Ground wire from the controller, NOT to the frame****

Optional power cables and extension cables are available.

C) -Connect the spade connectors to a remote switch/implement switch.

NOTE: Connect the spade connectors together if a remote switch is not in use.

Optional remote style switches are available.



Operation of the Motor Control

When it is time to check or test your motor control:

- Turn ON the power switch to the motor control. The Red light will light up only if the implement switch wires are plugged together or the implement switch is in the on position. This will indicate it has correct power.
- If a remote switch is being used, make sure that it is Activated or on. The Red light above the power switch Will light when power is being supplied to the pump.
- Turn the adjustment knob until desired pressure is reached.

Trouble Shooting:

If the unit does not turn on:

Check if implement wires are plugged together or if using implement switch is activated.

- Check wiring for bad connections.
- Check wiring for correct polarity of battery connections.
- Check 30 AMP Fuse
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- Note: If power wires are reversed to the battery it will not damage the control unit or the motor. It will blow the 30 AMP fuse if not hook up correctly.
- Note: If the White and Green wires (Pump wires) are connected to the battery the motor control unit **WILL BE** damaged.

If the pump will not run:

- Check if the red light is on above the power switch, if it is not the remote switch is not activated.
- Check remote switch
- Check wiring for bad connections.
- If remote switch is not being used make sure the two wires are plugged together.