IMPORTANT NOTICE - READ CAREFULLY

AutoDRIVE Inverter Board Replacement

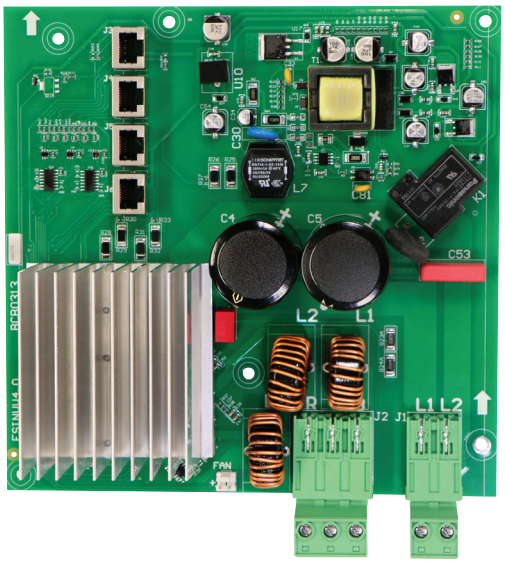
* Ensure power is disconnected from the unit and capacitors have been given adequate time to discharge before servicing*
* Reference the sticker on the side of the drive for specifics on capacitor discharge time*

This instruction applies to the following AutoDRIVE model numbers:

Part number	Model number	Inverter Board part number
6619-018	SD1-2HP2PS	6619-032
6619-019	SD1-2HP2	
6619-020	SD3-2HP2	6619-033
6619-021	SD3-3HP2	6619-034
6619-022	SD3-5HP2	6619-035

Kit Contents

Inverter Board



* Example Only

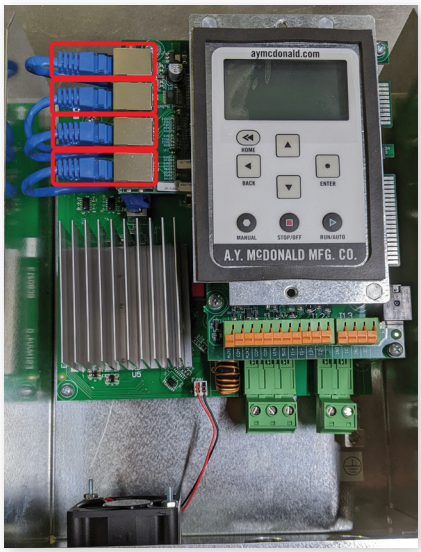
Step 1

Remove the three (3) screws that attach the front cover to the unit.

AutoDRIVE Inverter Board Replacement

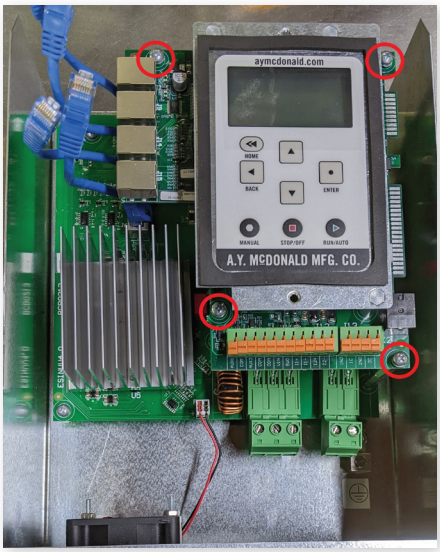
Step 2

Remove the four (4) CAT5 cables that connect the control board to the inverter board.



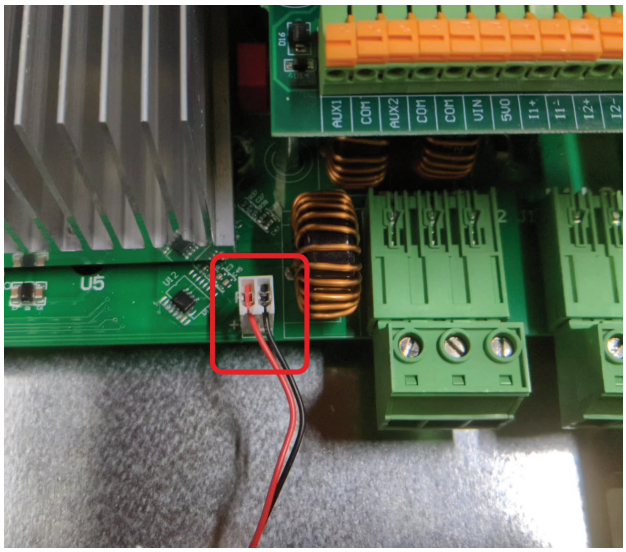
Step 3

Remove the four (4) screws that attach the control board to the inverter board.



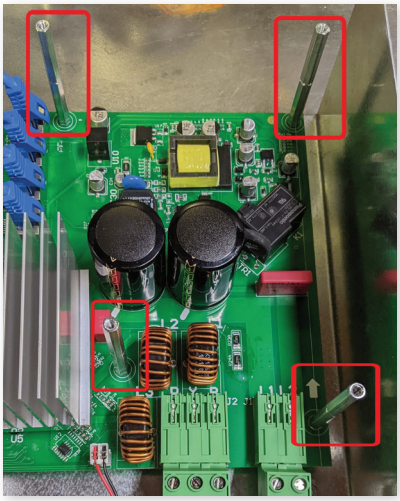
Step 4

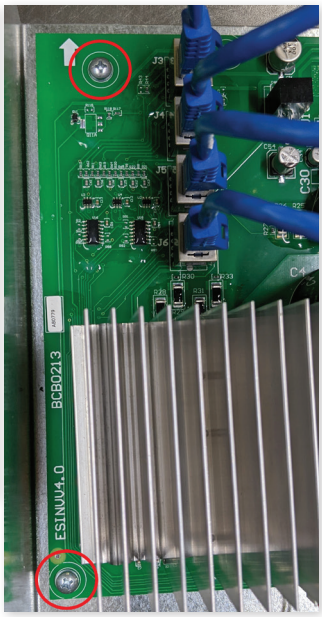
Locate the fan(s) plug connector(s) at the bottom of the inverter board and unplug the fan(s).



Step 5

Remove the four (4) threaded standoffs that hold the control board above the inverter board and remove the two (2) screws that hold the inverter board to the back of the enclosure.



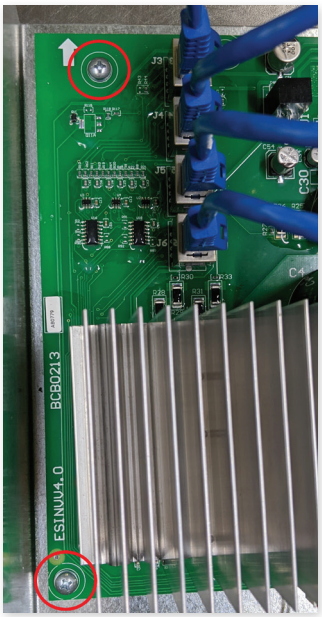


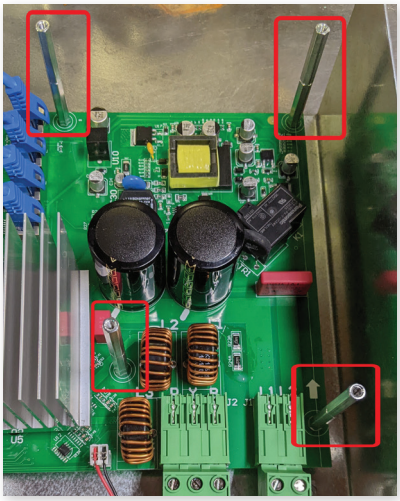
Step 6

Replace the old inverter board with the new replacement inverter board.

Step 7

Install the two (2) screws that hold the inverter board to the back of the enclosure and install the four (4) threaded standoffs that hold the control board above the inverter board.

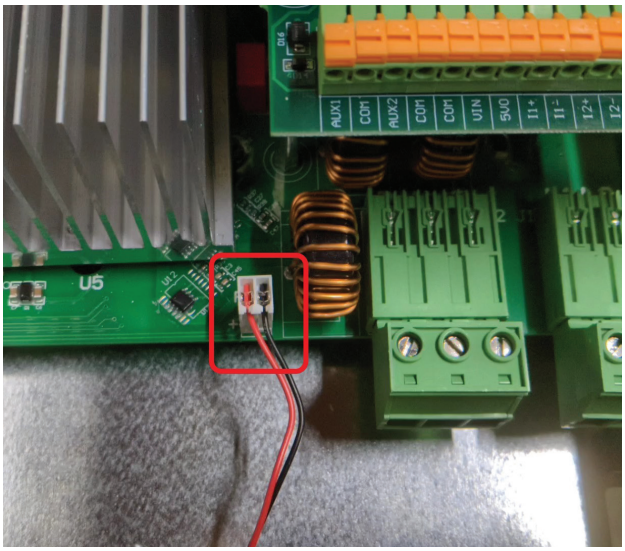




AutoDRIVE Inverter Board Replacement

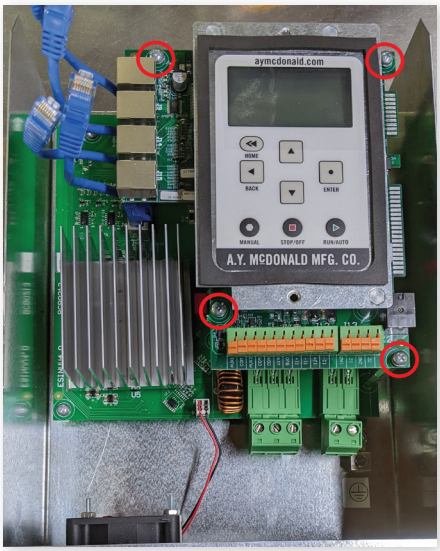
Step 8

Locate the fan(s) plug connector(s) at the bottom of the inverter board and plug the fan(s) back in.



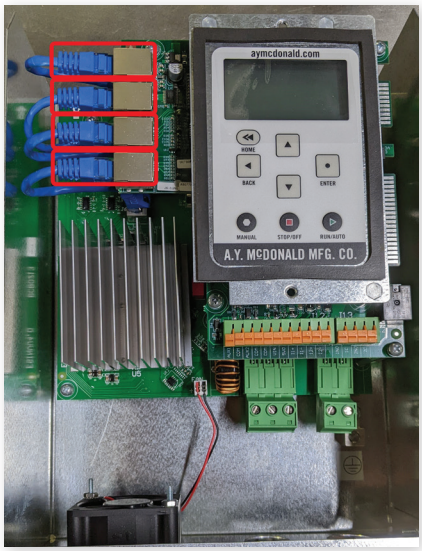
Step 9

Install the four (4) screws holding the control board to the inverter board.



Step 10

Re-connect the four (4) CAT5 cables that connect the control board to the inverter board. In order/do not cross.



Step 11

Reinstall the front cover, reinstall the three (3) screws, tighten the front cover, and reconnect power to the unit.

A.Y. McDonald Mfg. Co. is a leading manufacturer of Water Works, Plumbing, Pumps, and Natural Gas Products. The Company has distinguished itself with a proud tradition of quality and reliability since its founding in 1856.

The mission of A.Y. McDonald Mfg. Co., in the words of our founder, is "to make good products and sell them honestly." We, the stockholders and employees, accomplish this by extending the McDonald family culture through excellent customer service and by focusing on our customers' needs.

At A.Y. McDonald, you aren't just getting a product; you are getting an innovative solution, access to educational opportunities, and the ability to be treated like family. The customer is the boss and we aim to break the mold on how we reach customer satisfaction. Because in the end, without you, there would be no us.

THE CUSTOMER IS THE BOSS

EST. 1856 McDonald

WITHOUT YOU THERE IS NO US.

4800 Chavenelle Road | Dubuque, IA 52002
1-800-AY-CARES | aymcdonald.com | aymcdonaldu.com
(292-2737)

Follow us on social media