



IMPORTANT NOTICE - READ CAREFULLY AutoDRIVE Pressure Switch

EST. 1856
McDonald

Model: SD3-2HP2 AutoDRIVE
Part #: 6619-020
Enclosure: Outdoor Type 3R Rainproof
Input: 230 VAC, 1-phase, 50/60 Hz, 20 A
Output: 230 VAC, 3-phase, 60 Hz, 8 A
Frequency Range 5-120 Hz

WARNING ATTENTION!
HIGH VOLTAGE!
Risk of electric shock. Disconnect power and wait 10 minutes before servicing
HAUTE TENSION!
Risque de choc électrique. Couper l'alimentation et attendre 10 minutes avant l'entretien

Made in the USA

- * 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	Pressure Switch part number
6619-018	SD1-2HP2PS	6619-029

Kit Contents

Pressure Switch



Wire Kit



Step 1

Once the drive has been powered down, locate a drain valve in the system in order to relieve the pressure and drain the system.



NOTE: Try to use as low of a valve as you can which will allow more of the system to be drained and reduce the amount of water that will leak when the pressure switch is removed from the piping.

Step 2

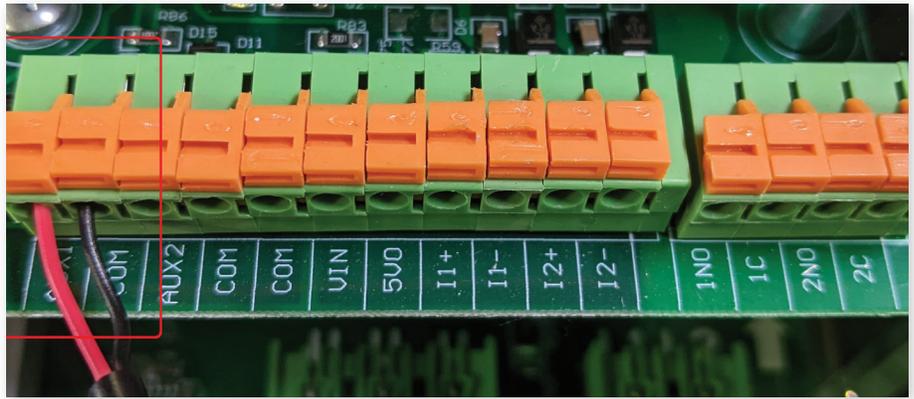
Remove the three (3) screws that attach the front cover to the unit.



NOTE: If the pressure switch wire does not need to be replaced, some of the following steps can be skipped.

Step 3

Locate the pressure switch wire terminal connections on the control board. Remove the wires from the AUX1 and COM terminals.



Step 4

Loosen the transducer cord grip and pull the pressure switch wire through the cord grip.



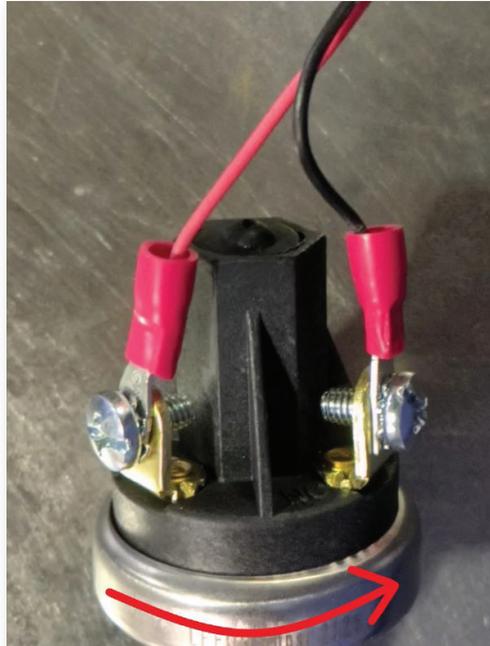
Step 5

Take note of routing for the pressure switch wire and undo any attachment points.



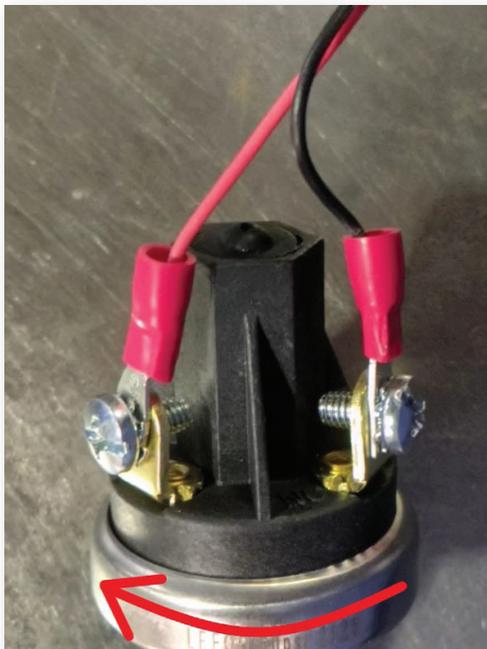
Step 6

Ensure the open drain valve has quit running and prepare for a small amount of water to leak when the old pressure switch is removed. Remove the wire connections from the pressure switch and unthread the pressure switch.



Step 7

Thread in the new pressure switch and connect either wire to either of the two posts on the pressure switch.



Step 8

Re-route the pressure switch cable.

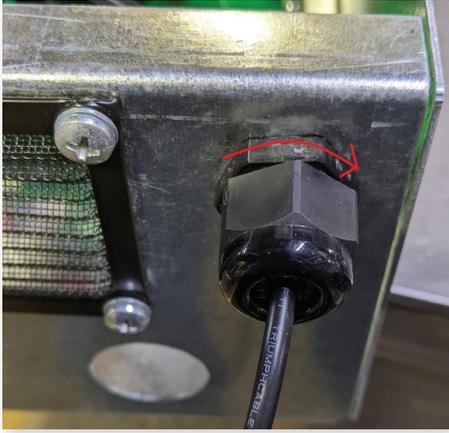




IMPORTANT NOTICE - READ CAREFULLY AutoDRIVE Pressure Switch

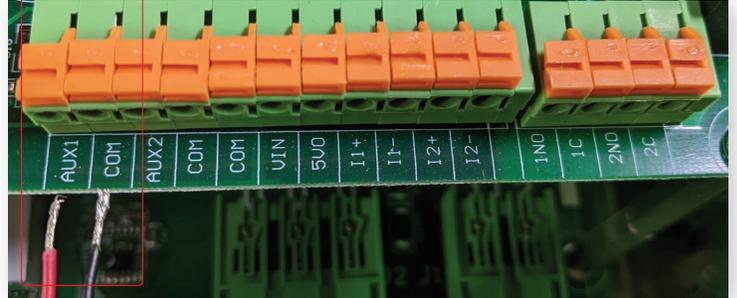
Step 9

Push the pressure switch cable up through the cord grip and tighten the cord grip. Excess pressure switch wire can be coiled up.



Step 10

Connect either wire of the new pressure switch to the AUX1 terminal and connect the other pressure switch wire to the COM terminal.



Step 11

Reinstall the front cover and then reinstall the three (3) screws and tighten the front cover.



Step 12

Reconnect power to the unit and check for leaks.

Step 13

Using a 7/32" allen wrench and an analog pressure gauge plumbed into the water system, adjust the pressure switch to the desired pressure.



WITHOUT YOU THERE IS NO US.

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

Follow us on social media

