



## ASDH Magneto PS Installation Procedure

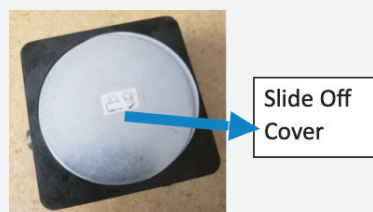
### Safe Area - Lab bench/Logging Unit Test:

1. Hook up Magneto PS to system in safe area  
Switch + = Pin A  
Switch - = Pin B  
Pins C&D = Jumper to Activate = On  
Remove connector (Jumper = Off)
2. **Shake sensor slowly about once per second**  
1 - See LED flash on side the sensor :  
GREEN LED Flashing – Processor Measuring
3. **Put Ohm meter on Switch wires A and B,**  
The Ohm meter should detect switch closures when LED flashing
4. **Stop Shaking – LED should stop representing no pump activity.** The unit goes into standby mode when the pump is not active = no pump signal detected
5. **ATEX Zone 2 Certification**



### Installation At Pumps:

1. Remove cover from magnet on the bottom of the sensor to allow the installation magnet to work correctly.
2. Place Magneto on Triplex pumps  
On the front side on the head
3. Hook up sensor cable to active the Magneto



**If any questions, concerns, or feedback:**

Please call or text  
John – 832-202-6284 or  
Keith - 832-274-4885

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### **Notes:**

1. The sensor is activated when the cable is connected.
2. Pin C and D are jumpered in the cable and activates the power to circuit board
3. LED will remain OFF when pump is not operating (Standby)
4. LED will flash when the pump operates – OR – the unit can be “Bench Tested” by a slow 1 per second shake to verify operation.
5. This is a battery operated low power device so remains in standby when the pump is not operating.
6. Unit is fully potted for moisture protection
7. Feedback on operation is welcome and help with future adjustments and improvements.

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