

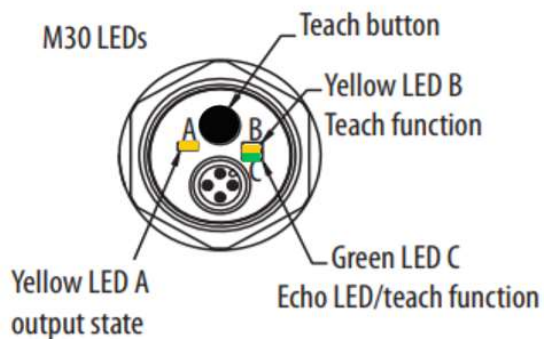
# How to adjust container gone sonic sensor on electric cart dumper

Presenter: Stephen May

Date: 12/6/2020

## Ultrasonic Sensor – Hardware (SINGLE DISCRETE OUTPUT)

873P-D30P1-3500-D4



Single PNP Indicator LED Functions		
LED	Color	Function
A	Yellow	Output state
B	Yellow	Teach function
C	Green	ECHO LED/ Teach function

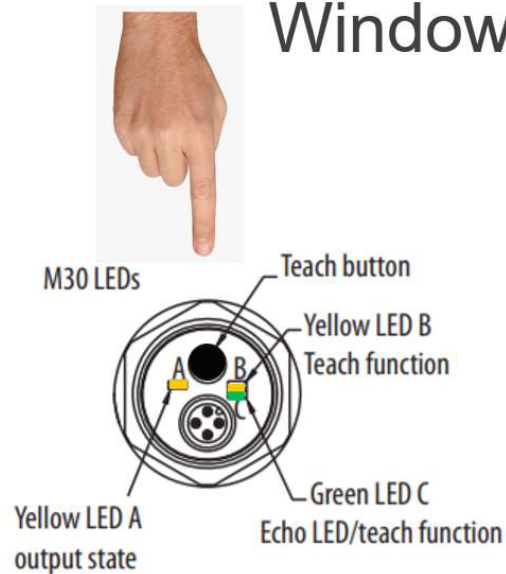
# Teaching the Limits of the sensor.



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## — Ultrasonic Sensor – Programming (SINGLE DISCRETE OUTPUT)

### Window Function- N.O.



#### Step #1 – Near Setpoint

- Place Target at Closest Distance
- Press and Release “Teach” Button
- **Yellow LED “B”** and **Green LED “C”** Flash Simultaneously

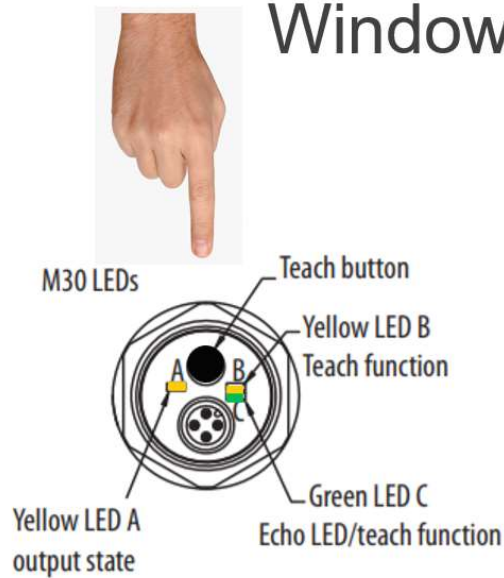
# Teaching the Limits of the sensor.



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### Window Function- N.O.



#### Step #2 – Far Setpoint

- Place Target at Farthest Distance
- Press and Release “Teach” Button
- **Sensor is Ready to Operate!**

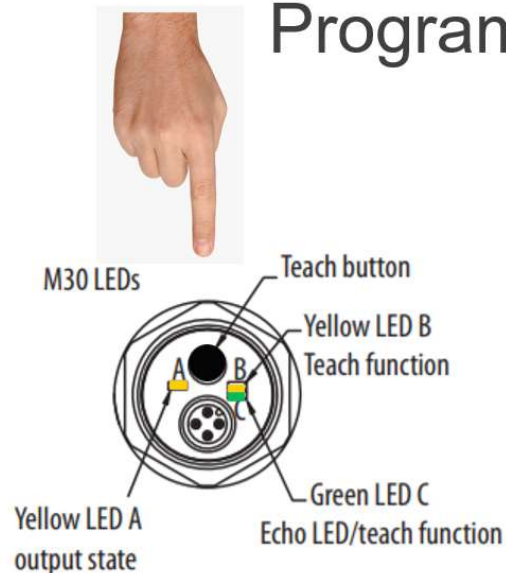
# Locking the sensor.



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## — Ultrasonic Sensor – Programming (SINGLE DISCRETE OUTPUT)

### Programming Lockout



#### Step #1 – Lock Teach Button

- Press and Hold “Teach” Button for approximately 8 Seconds
- LED’s “A” and “B” Flash Alternately with the Green LED “C”
- Release the “Teach” Button
- Sensor is now LOCKED

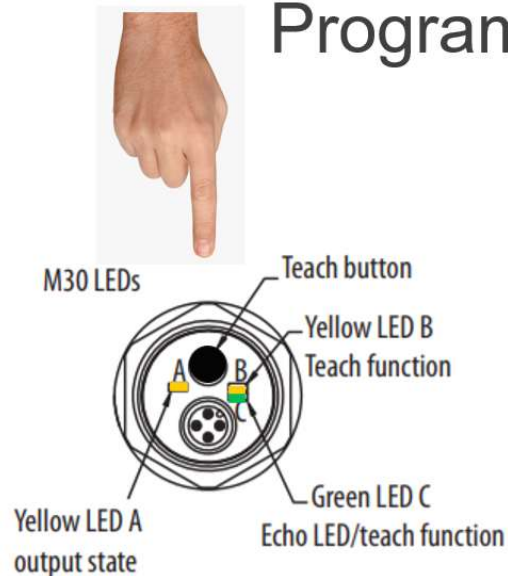
# Unlocking the Sensor



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## — Ultrasonic Sensor – Programming (SINGLE DISCRETE OUTPUT)

### Programming Lockout



#### Step #2 – Unlock Teach Button

- Press and Hold “Teach” Button for approximately 8 Seconds
- LED’s “A” and “B” Flash Alternately with the Green LED “C”
- Release the “Teach” Button
- Sensor is now **UNLOCKED**

# Helpful Hints



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- Ultrasonic sensors have a 10” blind zone directly in front of the device
- Minimum distance for “Near” 1<sup>st</sup> setpoint is 10” (Approximately 1 Ft.)
- Maximum distance for “Far” 2<sup>nd</sup> setpoint is 138” (Approximately 12 Ft.)
- If the target is OUTSIDE the Min/Max sensing range the “Teach” LED’s will flash asynchronously for 2 seconds and then turn off. The “Teach” attempt is ignored.

Thank You!



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