



**BREHON AGRISYSTEMS INC.**



## Endgate & Hoist Driver Troubleshooting

### **Symptom:**

Hoist is either opening or closing and will not stop.

### **Cause:**

The hoist driver arm is being pushed past the center limit by external forces or motor inertia. The driver is trying to return to its center position in the direction opposite to the last pressed, which is now the wrong direction.

### **Solution:**

Unplug the hoist driver cable then command the hoist in the other direction. This will reverse the "return direction". Plug the hoist driver cable back in. The arm will now move it in the correct direction to find the center.

Drill out the arm hole so there is a little slack on the copper rod. This will help it from being pushed past the center.

If desired, an updated microchip can be ordered. With the new chip (version EGH2H.c), if the driver does not find its center position in a short amount of time it will reverse direction and seek again. This will prevent it from staying at one limit indefinitely. It also adds a braking force to the motor when the center limit has been reached, preventing the arm from overshooting the limit.