

## 2-Line Oscillator Upgrade Module

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### 1. Lower the hopper.



Hopper Shown Raised



Hopper Shown Lowered



A. Pull up on the hopper release levers.



B. Push the hopper down while depressing the hopper release levers.



C. Release the hopper release levers.

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### 2. Turn the machine upside down.



A. Grab machine by top handle.



B. Rock machine forward on front wheels.



C. Lay machine down on front.



D. Grab machine by lower handle.

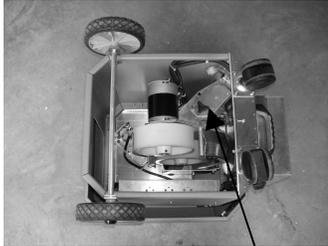


E. Rock machine forward on the top of the front.



F. Rest machine upside down.

### 3. Locate the oscillation locking plate.



Locking Plate



Locking Plate (closer)



Locking Plate (even closer)

### 4. Remove the oscillation locking plate.

Note: The oscillation locking plate is held on with only (1) nut. There is another threaded screw that looks like it could accept a nut, but it is only used for alignment.



A. Locate (1) nut. Notice that the round side of the nut is up and the flat side of the nut is down. Also notice the cables are tucked into the corner.



B. Move the cables out from under the corner as shown to give more room in the corner.



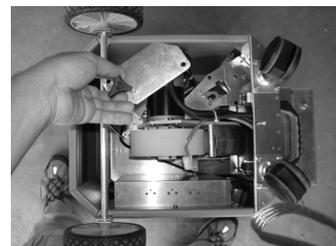
C. Use the included 7/16 nut-driver to loosen the nut.



D. Remove the loose nut.

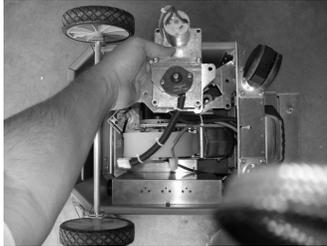


E. Grab the locking plate by the black triangular knob and pull straight up.

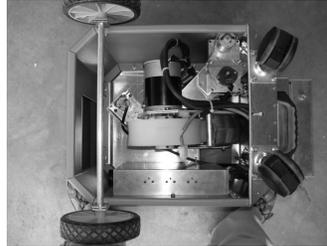


F. Remove the locking plate from the machine and discard. Keep the (1) nut.

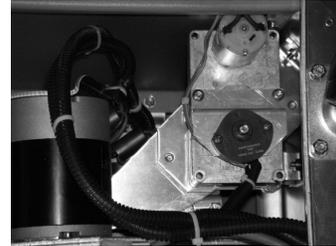
## 5. Insert the 2-Line Oscillator Module.



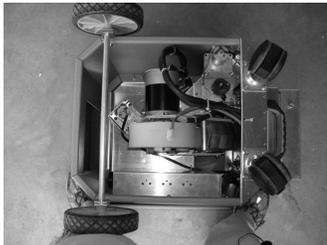
A. Lower motor module to where the locking plate was.



B. Place the motor module in place.



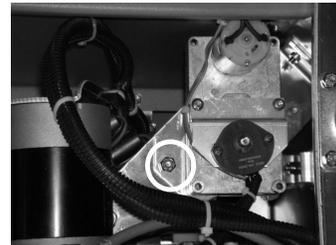
C. Line up the holes on the motor module with the screws that held the locking plate in.



D. In order to get the motor module to go all they way in, you need to point the yellow wheels as shown above and possibly wiggle the wheels small amounts while pushing the motor module down and in.

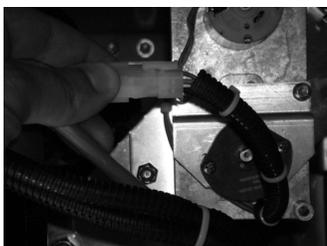


E. Use the (1) nut removed from before and while using the included 7/16 nut-driver, tighten the (1) nut as shown above.



F. Only (1) nut is required to hold the motor module in place. As seen above, (1) nut is in front and the back threaded piece is empty.

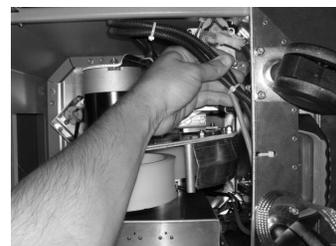
## 6. Plug in the 2-Line Oscillator Module.



A. Attach the white connector of the motor module to the empty white connector close by from the machine.



B. Notice how the cables are not back were they were when you started.



C. Grab the cables and tuck them back into the corner like they were when you started.

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**7. That's it! Make sure everything looks like below and that the wires are safely tucked into the corner.**

Note: In order to see the machine oscillate from side to side, you have to turn the 2-Line knob to "wide" or clock-wise and pitch tennis balls. The machine detects the ball being pitched and then oscillates to the next position. It does not waste power moving side to side if balls are not being pitched.

