

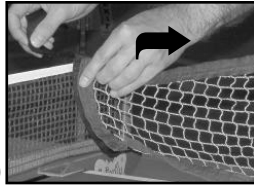


ROBO-PONG 2040 UPGRADE KIT INSTALLATION & OPERATION INSTRUCTIONS

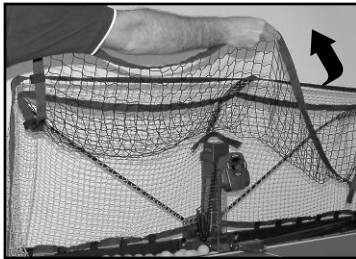
The Robo-Pong 2040 Upgrade Kit permits a Robo-Pong 2000 or 1000 to accept the new 40mm ball. You will retain your current net system and electrical control system. Installation is easy and fast. Pictures below show installing an upgrade on a Robo-Pong 2000. Installation for Robo-Pong 1000 is even easier and faster, except the Ball Feed Collector Plate must be removed before mounting the robot body on your Ball Bucket and you will not need the Wedge Filler.

PREPARATION

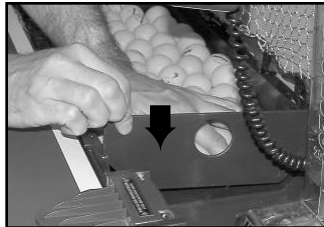
1 First unattach both Side Nets from your table net. Unplug the Connector Cable from the back of the robot. (See Step 12 for photo.)



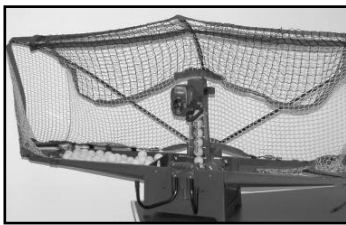
2 Unattach the sides of your Trap Net (the black net with large holes) and then flip it over the top of the net posts to get it out of the way.



3 Push all the balls in the Center Trough up into one of the Ball Trays and then insert a Ball Dam to prevent the balls from rolling back into the Center Trough. (See page 9 of your *Owner's Manual* for more info on Ball Dams).



4 Unhook the robot from the table and place the robot on top of the table. Place it with the robot facing you for easy access.

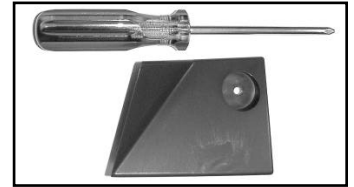


INSTALLING THE WEDGE FILLER

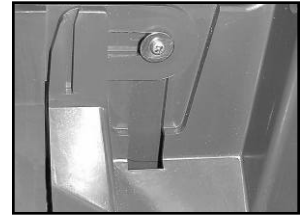
The Wedge Filler fits on the inside front surface of the Center Trough. With the Wedge Filler in place, balls cannot hang up on the right angle corner, assuring a continuous flow of balls to the ball feed mechanism.



5 Locate the Wedge Filler from the Upgrade Kit and a #2 Phillips head screwdriver.



6 Find the gold colored Phillips head screw on the inside right front (as you face the robot) surface of the Center Trough. Unscrew this screw and remove it and the washer. The nut should stay recessed inside its hexagonal hole.

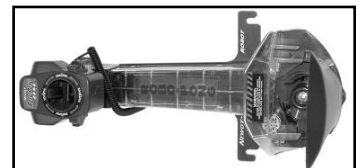


7 Attach the Wedge Filler using the screw provided from the hardware packet. Hold your finger over the hexagonal hole to keep the screw from pushing the nut out of its hole. You may need to push forcefully with your screwdriver to get the screw to engage the nut. Tighten securely.

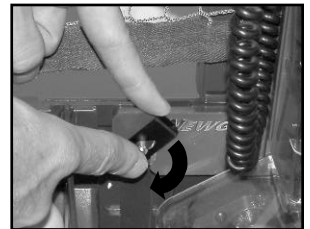


REPLACING THE ROBOT BODY

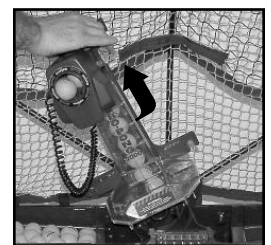
8 Locate the Robo-Pong 2040 Robot Body in the Upgrade Kit.



9 Loosen the two Wing Nuts that hold your current robot body onto the Center Trough. If your robot has the black, rectangular Clip Washers (instead of the round gold-colored washers), you will also need to rotate the Clip Washer 180°.



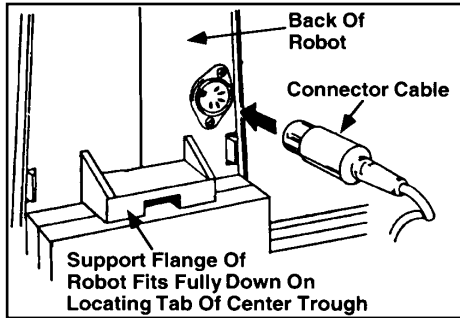
10 Pull straight up on the robot body to remove it from the Center Trough. You may keep your old robot body, there is no need to return it to Newgy.



Continued on side 2 →

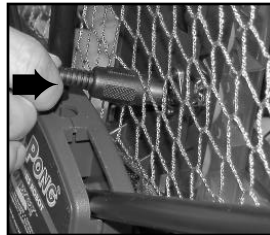
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Take your new Robo-Pong 2040 robot body and mount it on the Center Trough. Be sure that the new robot body fits fully down on the locating tab of the Center Trough. Finally, retighten the Wing Nuts.



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Reinsert the Connector Cable into the robot. Pull out the Ball Dam to release the balls so they roll back into the Center Trough.



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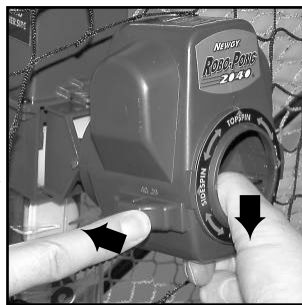
Verify that the Ball Size Switches on **both** sides of the robot head are set to "38". If not, hold the head steady with one hand while pulling the switch forward with your other hand. Pull the Trap Net back down and reattach it. Reattach the robot to the table and refasten the Side Nets. You're now ready to play with 38mm balls.



SWITCHING TO 40MM BALLS

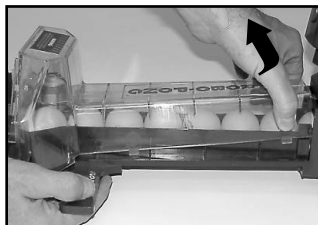
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To use 40mm balls, turn power off, unattach the side nets, and rotate the robot head so that "Topspin" is at the top of the hole. Now insert your thumb inside the hole and press down on the rubber Friction Block. With your other hand, press the Ball Size Switch backward to "40" while continuing to depress the Friction Block. Repeat with switch on the opposite side of the head.



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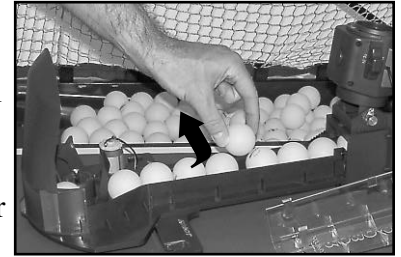
Remove the robot body (Steps 1-3, 9-10) and place it on your table. Pull the Clear Front Cover off by



squeezing on the circular finger-holds on the sides of the cover with your thumb and forefinger, and then pulling up while squeezing. Pull the cover loose first at the top and then at the bottom.

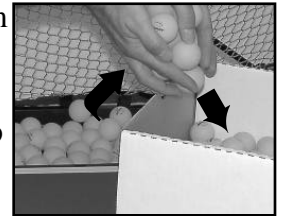
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Remove all 38mm balls from inside the robot and place in the Ball Tray with the other 38mm balls.



17

Gather up all 38mm balls and place them in a box or tray. Also gather up any 38mm balls that are on the floor or laying around loose in the playing area and place them inside the box too.



18

Reattach the Clear Front Cover to the robot body. Reattach the robot body to the Center Trough. Place 40mm balls in the Ball Trays. (Be sure to wash and dry new balls before using them for the first time.) Remove Ball Dam. Reattach the Trap Net and Side Nets. Reconnect the Connector Cable. Turn power back on and you're ready to play with 40mm balls.

WARNINGS

1. You must use all 38mm balls or all 40mm balls at one time. **Do not mix ball sizes.**
2. When swapping out ball sizes, remove all balls from the robot, including the ones inside the machine and those laying on the floor, before re-loading the other sized balls.
3. **Be sure both switches are set to the same size.**
4. Immediately after switching from "40" to "38", depress and then release the Friction Block 2-3 times so it re-seats itself properly.
5. Be sure to wash and dry new balls before using them with the robot. New balls can cause multiple problems until they become "slick".
6. When switched to "40", if a 38mm ball gets mixed in with the 40mm balls, the 38mm ball will be ejected with very little forward speed.
7. When switched to "38", if a 40mm ball gets mixed in with the 38mm balls, the 40mm ball will either jam inside the robot's head or be ejected with an irregular trajectory. Damage may result.