



## 40mm UPGRADE KIT INSTALLATION & OPERATION INSTRUCTIONS

The 40mm Upgrade Kit permits a Robo-Pong 2000 or 1000 to accept the new 40mm ball. **Use of 38mm balls is no longer supported as of August, 2010.** You will retain your current net system and electrical control system. Installation is easy and fast.

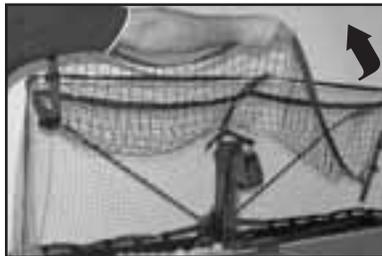
Pictures below show installing an upgrade on a Robo-Pong 2000. Installation for Robo-Pong 1000 is even easier and faster, except the Ball Feed Collector Plate must be removed before mounting the robot body on your Ball Bucket and you will not need the Wedge Filler.

### PREPARATION

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



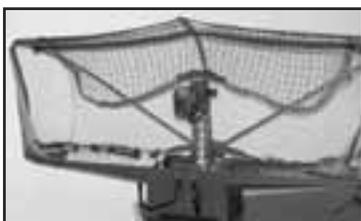
**2** Detach the sides of your Trap Net (the black net with large holes) and then flip it over the top of the net tubes to get it out of the way.



**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 11 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.

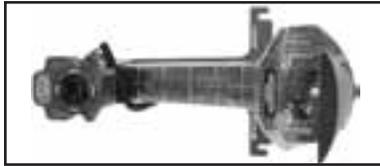


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## REPLACING THE ROBOT BODY

**8**

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



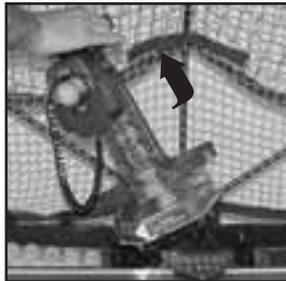
**9**

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°.



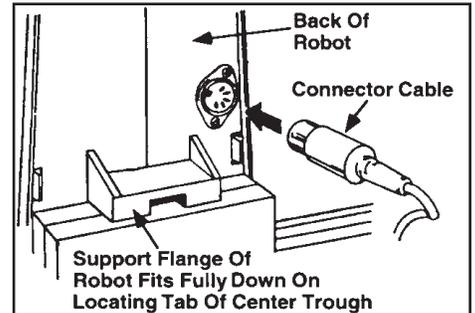
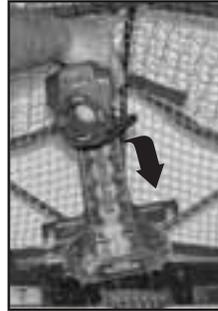
**10**

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.



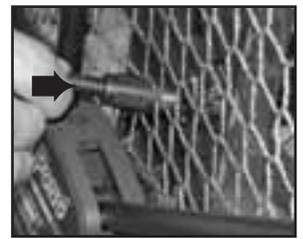
**11**

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.



**12**

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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