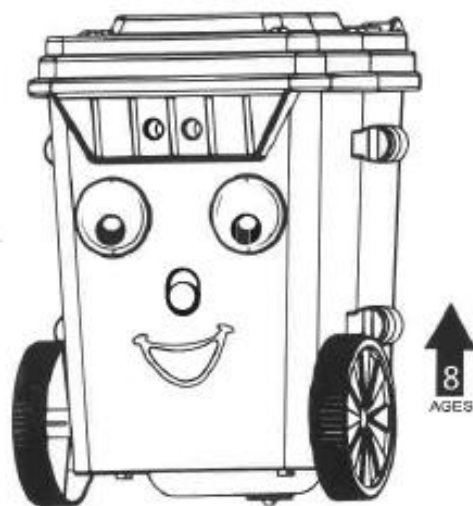


OWI-993

OZKAR

VACUUM ROBOT



OWIKIT™
www.owirobot.com

Product Introduction

Ozkar Vacuum Robot the infrared sensor detecting mini trash can cleaner robotics kit has spent life traveling the galaxies and surveying uninhabitable regions. Ozkar Vacuum Robot set its infrared sensor to search for life in the universe, and in doing so, discovered Earth. Now that Ozkar Vacuum Robot has finally found life, it loyally scans its surroundings by using AI (artificial intelligence), IIR (infrared sensor) which allows it to seamlessly complete obstacles.

Once your budding engineer (age 8+) constructs this 40-piece STEM kit, they will quickly realize this is no ordinary robot. Ozkar Vacuum Robot offers a stimulating insight into how its commercial cousins navigate their surroundings to "clean-up" small particles of dust. Most of all do not treat Ozkar Vacuum Robot as an ordinary robot, but rather, a scholarly and helpful friend!

Tools You May Need

Battery (AA) X 4



Screwdriver



Alkaline batteries are recommended


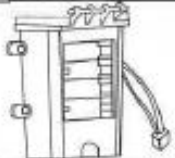























Troubleshooting

1. Please use new batteries and do not mix old and new.
2. Make sure all of connectors are in the right position. Make sure both gearboxes are in the right direction. (Step 8)
3. Make sure infrared sensor is enclosed in provided black tube to avoid outside light interference.
4. Please note this product is for indoor use only.

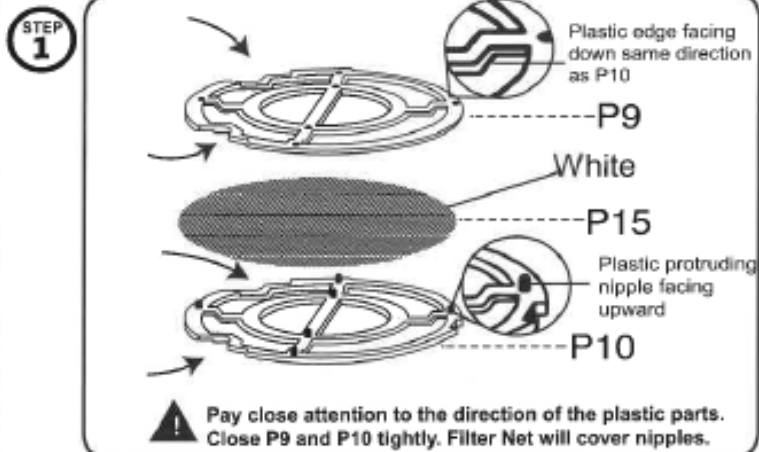


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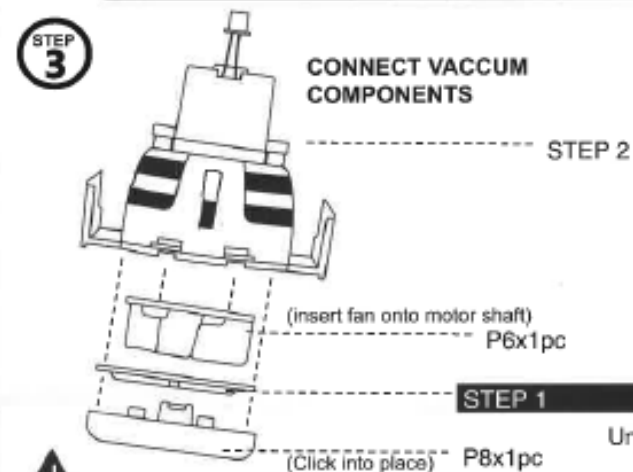
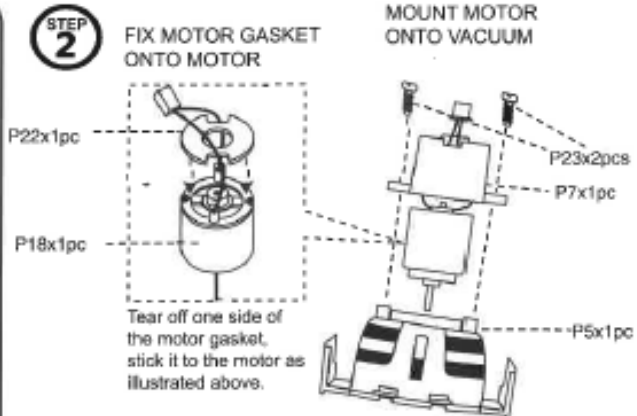
Parts List

P1	Front	P2	Back	P3	Lid	P4	Battery Cover	P5	Vacuum Body
									
P6	Fan	P7	Motor Cover	P8	Vacuum Cover	P9	Male Filter Cover	P10	Female Filter Cover
									
P11	Switch Cover	P12	Caster Holder	P13	Caster	P14	Wheel	P15	Filter Net (WHITE MESH MATERIAL)
									
P16	Sticker Eyes	P17	Gearbox	P18	Motor	P19	Printed Circuit Board (PCB)	P20	Black Tube (With Card Slot on inside tube)
									
P21	Bearing	P22	Motor Gasket	P23	Tapping Screw	P24	Tapping Screw w/washer	P25	Tapping Screw w/washer (Small)
									

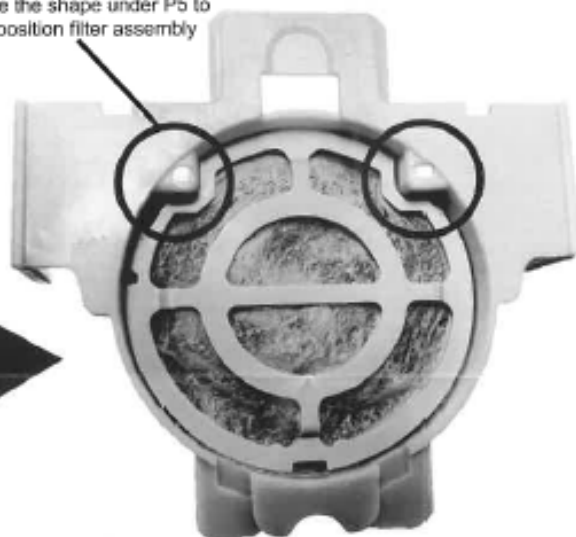
FILTER NET ASSEMBLY:



VACUUM MOTOR ASSEMBLY:



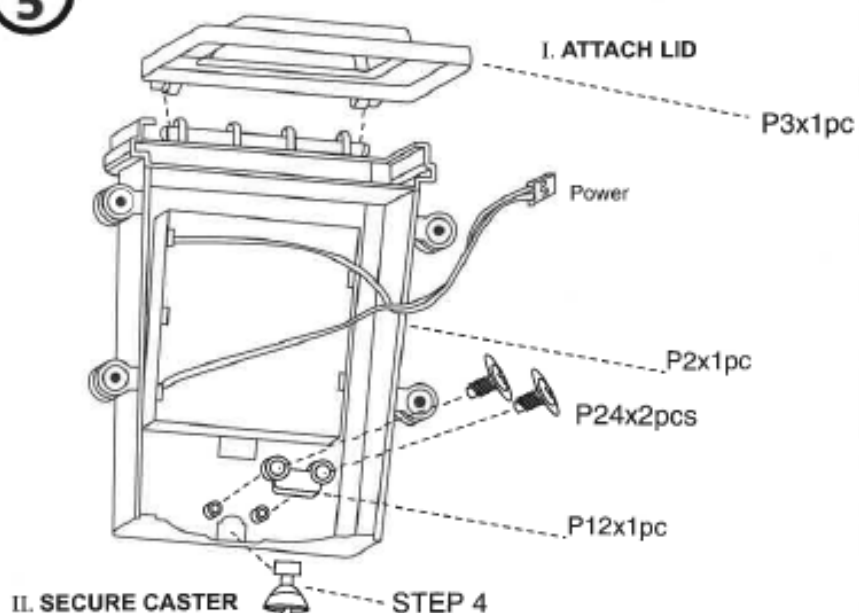
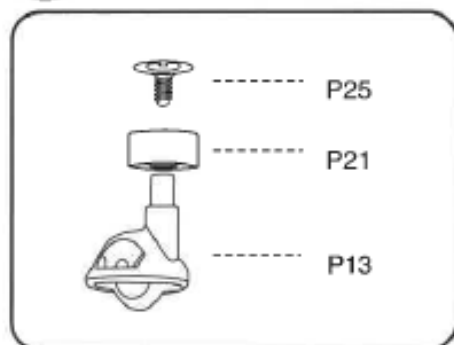
Notice the shape under P5 to help position filter assembly



- ▲ Please Note when inserting the part made in Step 1:
1. Pay close attention to the direction of the openings.
 2. The protruding part is pointing outward
 3. Press the filter net assembly in to lock it into the P5.

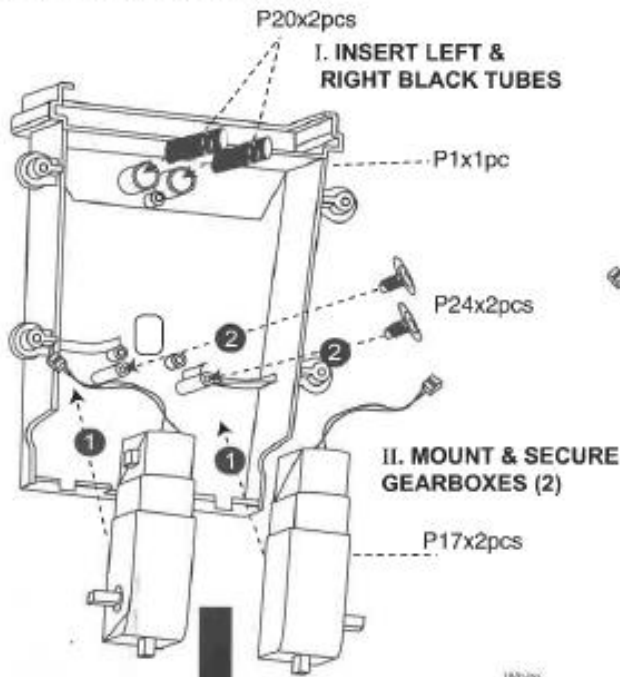
STEP 5 ATTACH LID AND SECURE CASTER ONTO BACK PLASTIC PART

STEP 4 INSERT CASTER INTO BEARING

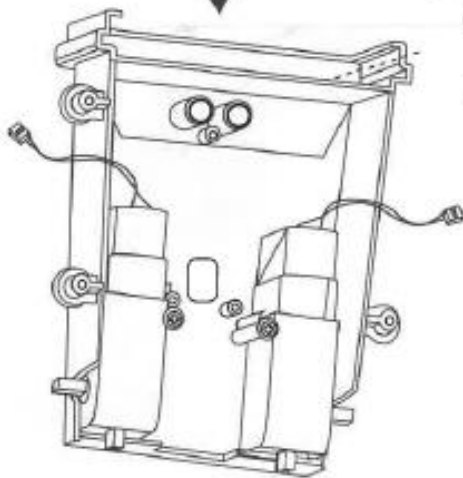


STEP 6

FIX GEARBOX (2) AND BLACK TUBE (2) INTO FRONT PLASTIC PART:

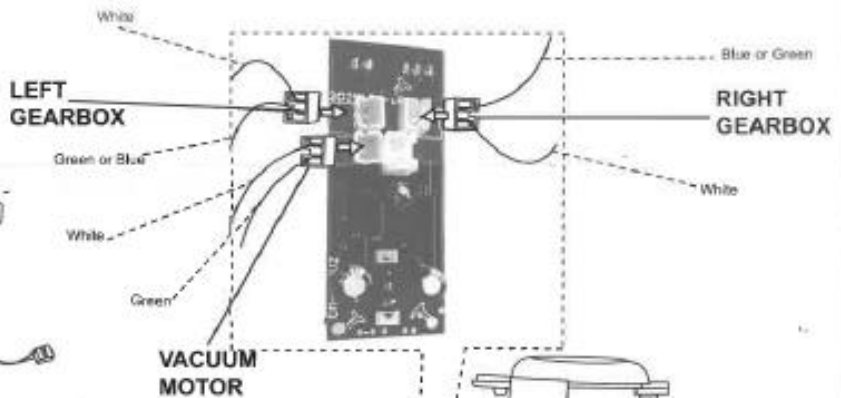
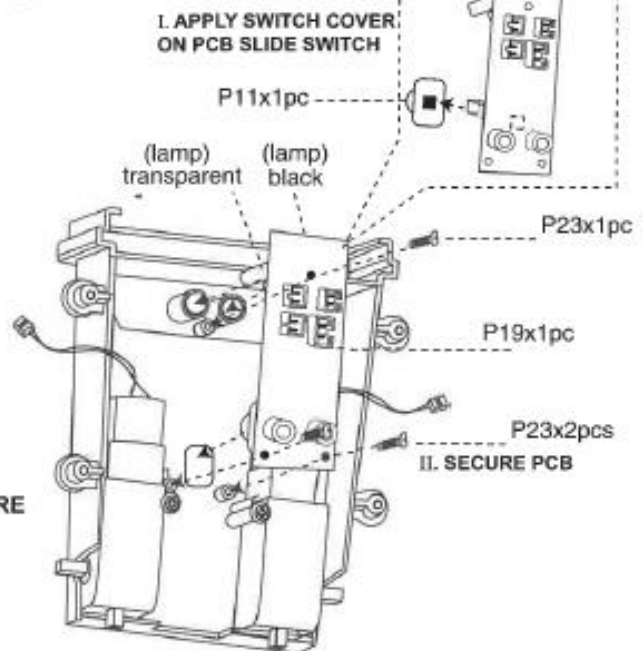


SECURED POSITION:



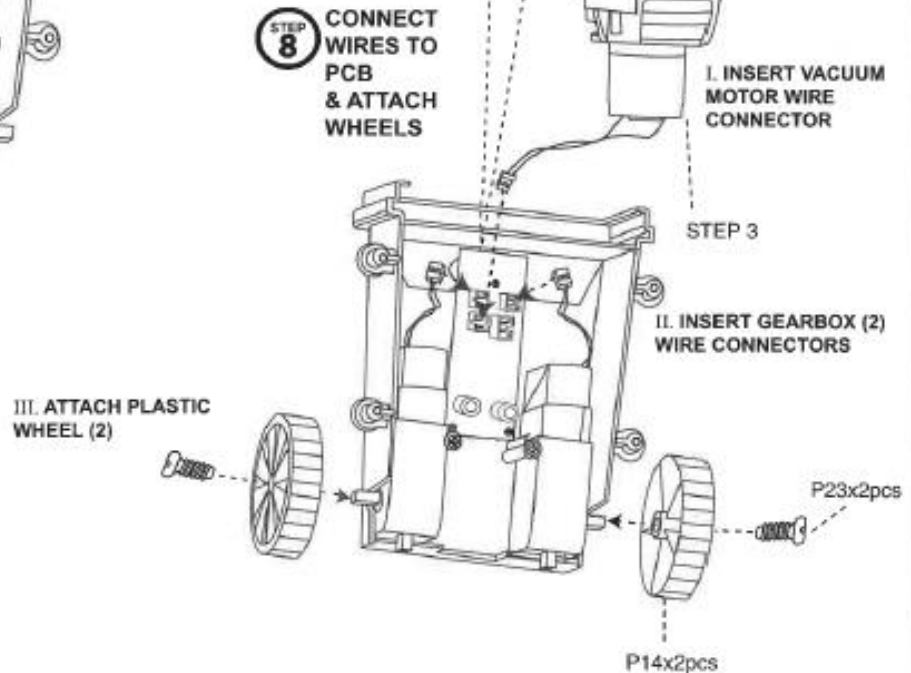
STEP 7

APPLY SWITCH COVER ON PCB AND SECURE PCB

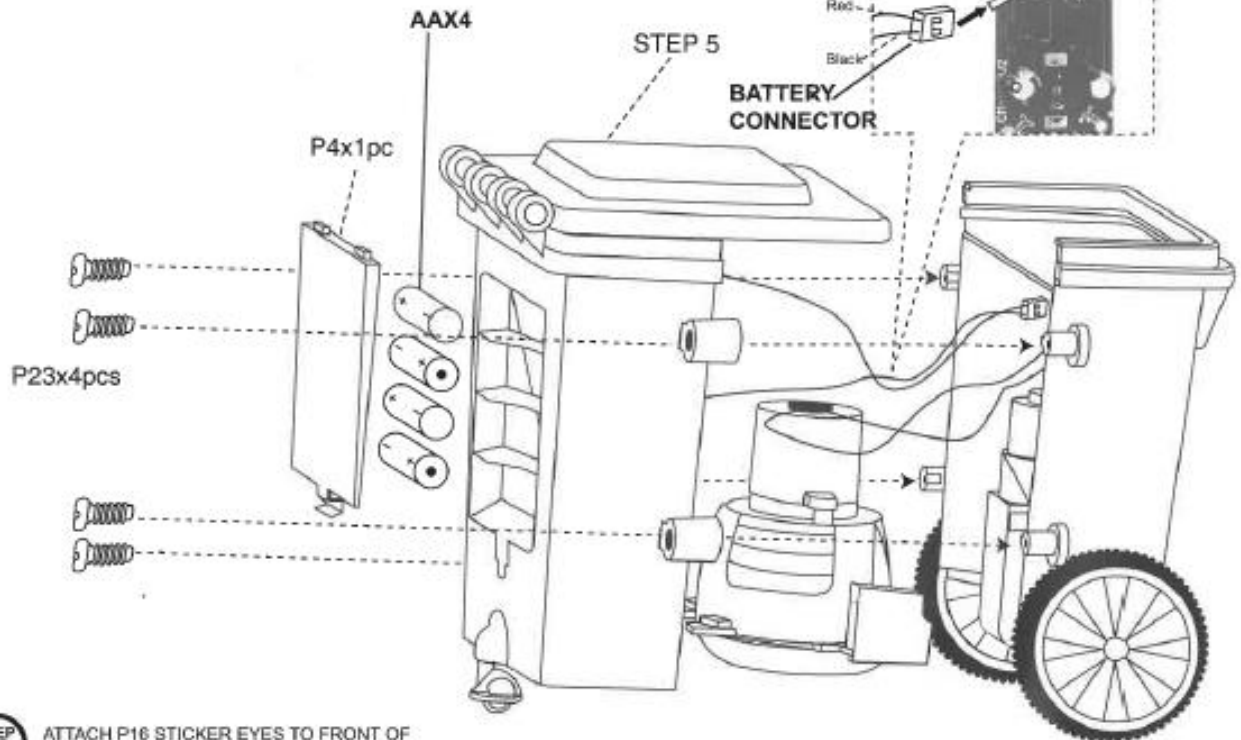


STEP 8

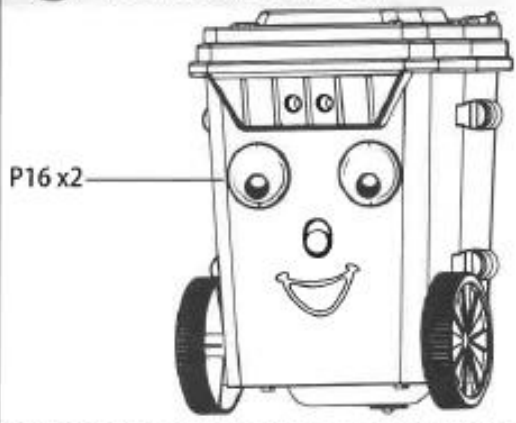
CONNECT WIRES TO PCB & ATTACH WHEELS



- STEP 9**
- INSERT THE BATTERY CONNECTOR INTO THE PCB
 - SECURE FRONT, BACK AND VACUUM COMPONENTS
 - INSERT BATTERIES

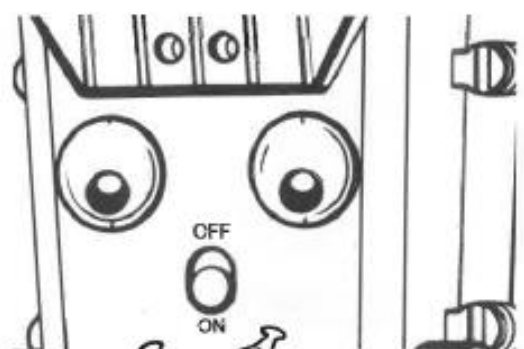


- STEP 10** ATTACH P16 STICKER EYES TO FRONT OF ROBOT TO COMPLETE ITS LOOK!



HOW TO PLAY:

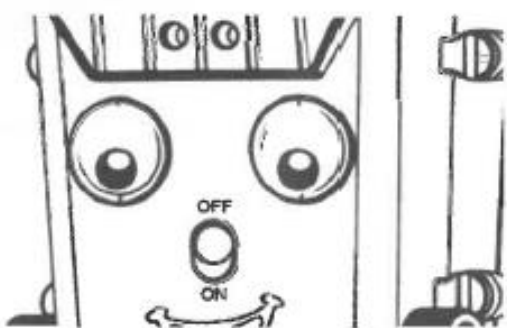
1. SLIDE THE "ON/OFF" SWITCH ON OZKAR'S NOSE DOWN INTO THE "ON" POSITION.



2. OZKAR'S WHEELS WILL NOW SPIN AND THE ROBOT PLACED ON A LEVEL SURFACE WILL MOVE FORWARD UNTIL IT RUNS INTO AN OBSTACLE IN FRONT OF IT'S SENSOR THEN IT WILL BACK UP AND REDIRECT.

3. WHILE IN MOTION, OZKAR WILL VACUUM SMALL PARTICLES OF DUST.

4. WHEN FINISHED PLAYING, SLIDE THE "ON/OFF" SWITCH ON OZKAR'S NOSE UP INTO THE "OFF" POSITION.



SEE INTRODUCTION PAGE FOR TROUBLE SHOOTING SUGGESTIONS.