Date: 11/19/2015

Version 1 Page 1 of 41

# Reuse and Recycling Manual



### 1. Manufacturer Information

Manufacturer:	iRobot Corporation	
Address:	8 Crosby Drive, Bedford, MA 01730 USA	
Website:	www.iRobot.com	
File Number:	315G3390.001	



Model Identification	Roomba 650/620 (Jabil)	
Product Description	Roomba 6xxy Series Vacuum Cleaning Robot	
Type Designation(s):	Vacuum Cleaning Robot	
WEEE Category:	Category 2 (Small household appliances)	
Weight [g]:	3,777g	
Recyclability:	88.63%	

## Reuse and Recycling Manual



Type I	Material/components which must be removed and treated separately According to Annex II of the 2012/19/EU (WEEE) directive.
Type II	Material/components which can disturb certain recycling processes.
Type III	Material/components which have an economic value at end-of-life.

## 3. Recycling Information: (Optional)

- Are plastic parts >10g marked according to ISO 11469?
- Is the product manufactured of 20% recycled material?

## 4. Directives and Standards: (Optional)

The following directives and standards have been considered:

- EN 50419:2006 "Marking of electrical and electronic equipment in accordance with Article 11(2) of Directive 2012/19/EU (WEEE)
- 2012/19/EU Directive 2012/19/EU of the European Parliament and of the Council of July 4, 2012 on waste of electrical and electronic equipment (WEEE)
- ISO 11469 "Generic Identification and Marking of Plastic Products"

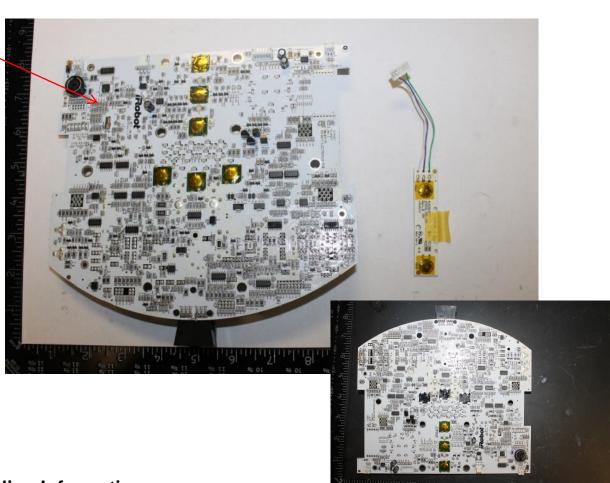
# Reuse and Recycling Manual





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
1	Roomba Main PCBs	PCB	185	Treat Separately, 50% Recycle

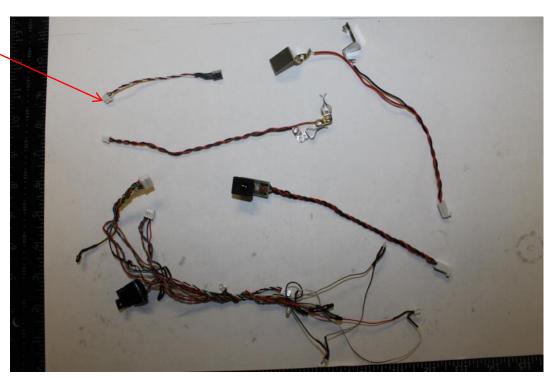
# Reuse and Recycling Manual





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
2	Cables	Non-Reusable Cables	29	Treat Separately, 40% Recycle, 60% incinerate

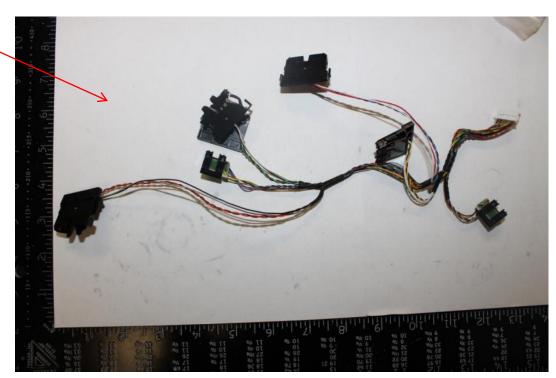
## Reuse and Recycling Manual





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
3	Cable Sensor Assembly	Non-Reusable Cables	23	Treat Separately, 40% Recycle, 60% incinerate

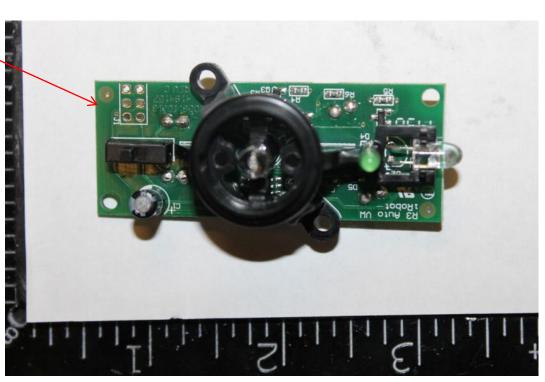
# Reuse and Recycling Manual





5. Instructions for removing materials/components which must be removed and treated separately:





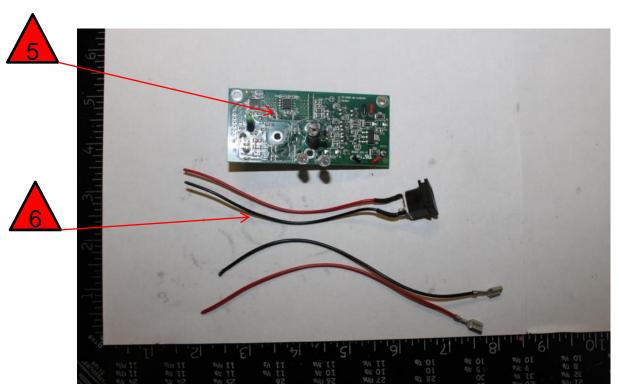
Nr.	Component	Material	Wt. (g)	Comments
4	Invisible Barrier PCB	РСВ	11	Treat Separately, 50% Recycle

# Reuse and Recycling Manual





5. Instructions for removing materials/components which must be removed and treated separately:



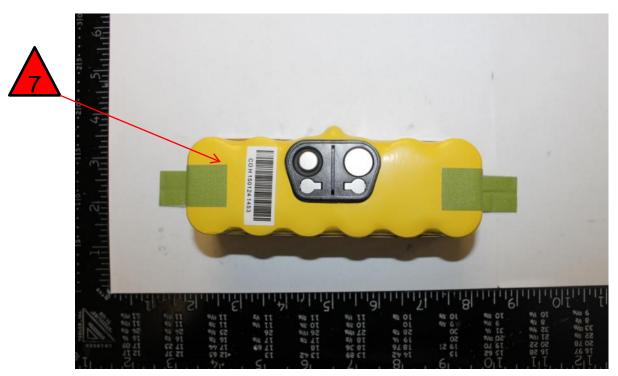
Nr.	Component	Material	Wt. (g)	Comments
5	Charging Base PCB	РСВ	15	Treat Separately, 50% Recycle
6	Charging Base Cables	Non-Reusable Cables	6	Treat Separately, 40% Recycle, 60% incinerate

# Reuse and Recycling Manual





5. Instructions for removing materials/components which must be removed and treated separately:



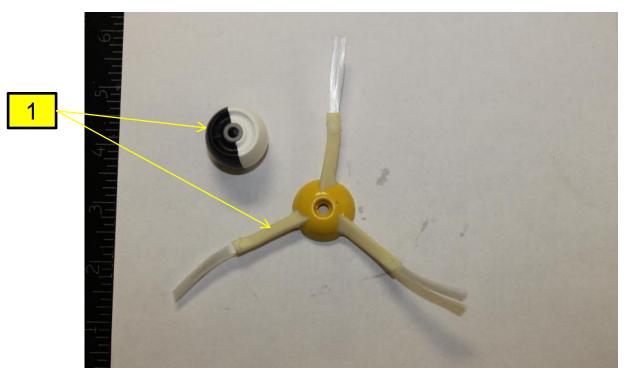
Nr.	Component	Material	Wt. (g)	Comments
7	Battery	Battery	687	Treat Separately < Refer To Batteries Directive (2006/66/EC)>

# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes



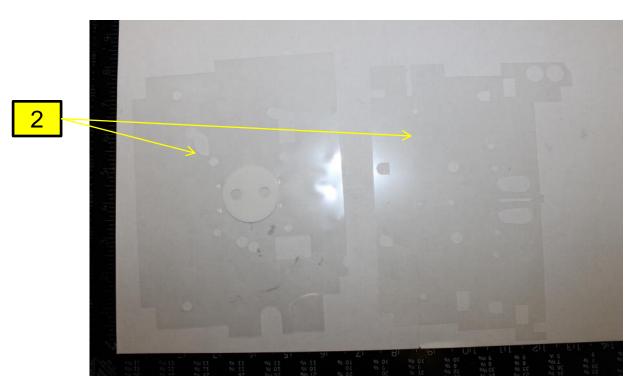
Nr.	Component	Material	Wt. (g)	Comments
1	Wheel and Brush	Non-ID Plastic	17	Waste

# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
2	PCB Shields	Non-ID Plastic	6	Waste





6. Components/materials which may disturb certain recycling processes





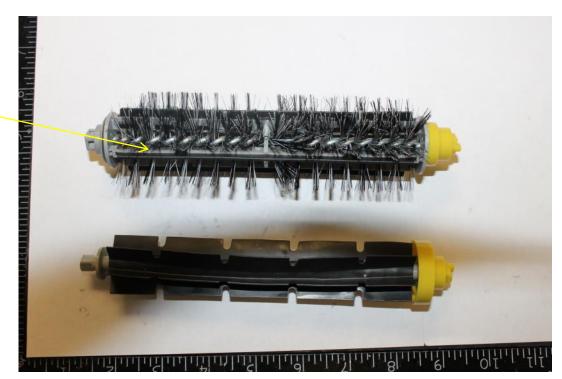
Nr.	Component	Material	Wt. (g)	Comments
3	Gear Wheels	Non-ID Plastic	35	Waste

# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
4	Brush Heads	Non-ID Plastic	112	Waste

# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes



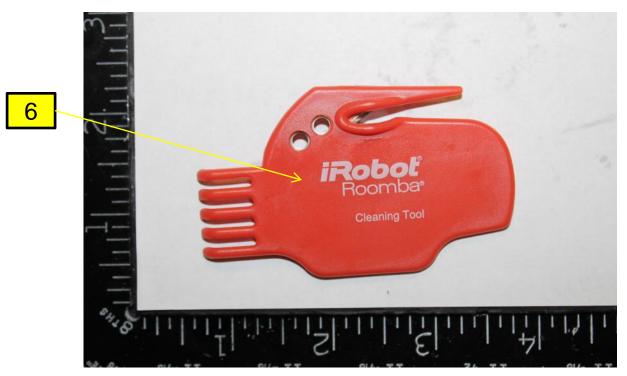
Nr.	Component	Material	Wt. (g)	Comments
5	Filters	Non-ID Plastic	38	Waste

# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes



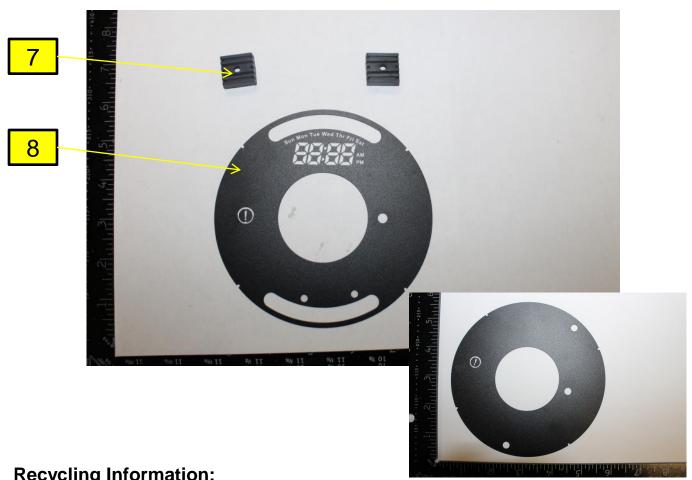
Nr.	Component	Material	Wt. (g)	Comments
6	Comb Cleaning Tool	Non-ID Plastic	7	Waste

## Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
7	Rubber Skids	Non-ID Rubber	3	Incinerate
8	Display circle	Non-ID Plastic	2	Waste

# Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
1	External casing	ABS	403	Recycle

# Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
2	Middle Chassis	ABS	517	Recycle





7. Material/components which have an economic value at end-of-life.



	Nr.	Component	Material	Wt. (g)	Comments
I	3	Handle, Front Bumper, and top Plates	ABS	287	Recycle

# Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
4	Dust Bin and Release Buttons	ABS	193	Recycle

# Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
5	Brush Holder	ABS	138	Recycle

## Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
6	Front Buttons and Wheel Spin	ABS	20	Recycle

# Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
7	Bumper Brackets, Button Bracket, and Dust bin motor Case	ABS	104	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
8	Wheel casings	ABS	157	Recycle

# Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
9	Misc. Brackets	ABS	49	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
10	Grey, Green, and Black Brackets	ABS	8	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
11	Blue Wheel and Brush Brackets	ABS	8	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
12	Outer Unit Ring	ABS	13	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
13	Invisible Wall Casing	ABS	80	Recycle





7. Material/components which have an economic value at end-of-life.





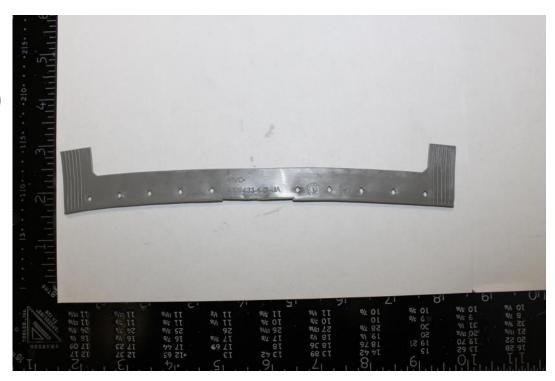
Nr.	Component	Material	Wt. (g)	Comments
14	Charging Dock Casing	ABS	130	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
15	Floor and Unit Seal	PVC Rubber	6	Recycle





7. Material/components which have an economic value at end-of-life.





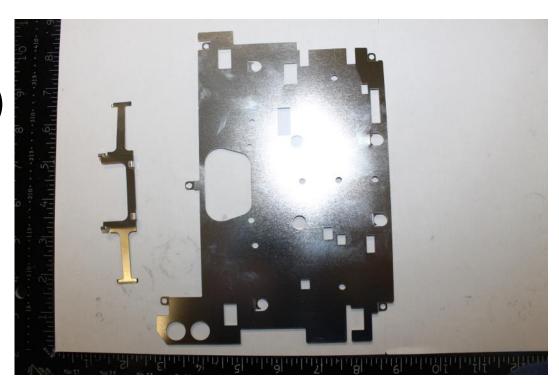
Nr.	Component	Material	Wt. (g)	Comments
16	Skid Pieces and Seals	PVC Rubber	5	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
17	Steel PCB Protector	Steel	34	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
18	Springs and Shafts	Steel	35	Recycle

# Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
19	Screws	Steel	63	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
20	Charging Plates	Steel	3	Recycle

# Reuse and Recycling Manual





7. Material/components which have an economic value at end-of-life.





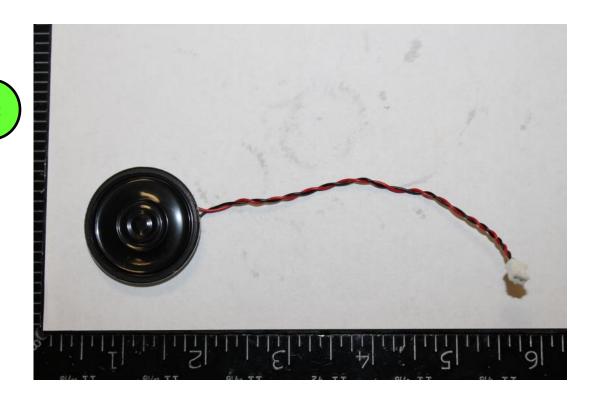
Nr.	Component	Material	Wt. (g)	Comments
21	Motors	Mixed	342	Reuse





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
22	Speaker	Mixed	6	Reuse





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
23	620 - EU Power Cord	Mixed	80	Reuse

# Reuse and Recycling Manual



## 8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
1	Roomba Main PCBs	РСВ	185	Treat Separately, 50% Recycle
2	Cables	Non-Reusable Cables	29	Treat Separately, 40% Recycle, 60% incinerate
3	Cable Sensor Assembly	Non-Reusable Cables	23	Treat Separately, 40% Recycle, 60% incinerate
4	Invisible Barrier PCB	РСВ	11	Treat Separately, 50% Recycle
5	Charging Base PCB	РСВ	15	Treat Separately, 50% Recycle
6	Charging Base Cables	Non-Reusable Cables	6	Treat Separately, 40% Recycle, 60% incinerate
7	Battery	Battery	687	Treat Separately, < Refer To Batteries Directive (2006/66/EC)>
Nr.	Component	Material	Wt. (g)	Comments
Nr.	Component  Wheel and Brush	Material  Non-ID Plastic	Wt. (g)	Comments  Waste
1	Wheel and Brush	Non-ID Plastic	17	Waste
1 2	Wheel and Brush PCB Shields	Non-ID Plastic  Non-ID Plastic	17 6	Waste Waste
1 2 3	Wheel and Brush PCB Shields Gear Wheels	Non-ID Plastic  Non-ID Plastic  Non-ID Plastic	17 6 35	Waste Waste Waste
1 2 3 4	Wheel and Brush PCB Shields Gear Wheels Brush Heads	Non-ID Plastic  Non-ID Plastic  Non-ID Plastic  Non-ID Plastic	17 6 35 112	Waste Waste Waste Waste Waste
1 2 3 4 5	Wheel and Brush PCB Shields Gear Wheels Brush Heads Filters	Non-ID Plastic  Non-ID Plastic  Non-ID Plastic  Non-ID Plastic  Non-ID Plastic	17 6 35 112 38	Waste Waste Waste Waste Waste Waste

# Reuse and Recycling Manual



## 8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
1	External casing	ABS	403	Recycle
2	Middle Chassis	ABS	517	Recycle
3	Handle, Front Bumper, and top Plates	ABS	287	Recycle
4	Dust Bin and Release Buttons	ABS	193	Recycle
5	Brush Holder	ABS	138	Recycle
6	Front Buttons and Wheel Spin	ABS	20	Recycle
7	Bumper Brackets, Button Bracket, and Dust bin motor Case	ABS	104	Recycle
8	Wheel casings	ABS	157	Recycle
9	Misc. Brackets	ABS	49	Recycle
10	Grey, Green, and Black Brackets	ABS	8	Recycle
11	Blue Wheel and Brush Brackets	ABS	8	Recycle
12	Outer Unit Ring	ABS	13	Recycle
13	Invisible Wall Casing	ABS	80	Recycle
14	Charging Dock Casing	ABS	130	Recycle
15	Floor and Unit Seal	PVC Rubber	6	Recycle

## Reuse and Recycling Manual



## 8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
16	Skid Pieces and Seals	PVC Rubber	5	Recycle
17	Steel PCB Protector	Steel	34	Recycle
18	Springs and Shafts	Steel	35	Recycle
19	Screws	Steel	63	Recycle
20	Charging Plates	Steel	3	Recycle
21	Motors	Mixed	342	Reuse
22	Speaker	Mixed	6	Reuse
23	620 – EU Power Cord	Mixed		Reuse

Special notes:

Some other components can be recycled.

Please refer to the WEEE summary report.

All images for representative purposes only.